



Guest Internet Product Documentation

January, 2021

This document is divided into the following sections:

[Introduction](#) - Internet Wi-Fi Hotspot Explained

[Products](#) - Information on each of our products.

[Setup](#) - What you need to set up an unit and a guide for the setup of each unit.

Once you have setup your unit, you will need to know how to use our Admin interface which is covered in:

[Status](#)

[Management](#)

[Advanced](#)

[Cloud Management](#) gives you information about our GIS Cloud.

[Extra Information](#) is where we add some information we think you might want to know

[Frequently Asked Questions](#)

If you cannot find an answer in these sections, please contact us through our support page

https://guest-internet.com/guest_internet_hotspot_support.php

Internet Wi-Fi Hotspot Explained

What is Internet Wi-Fi?

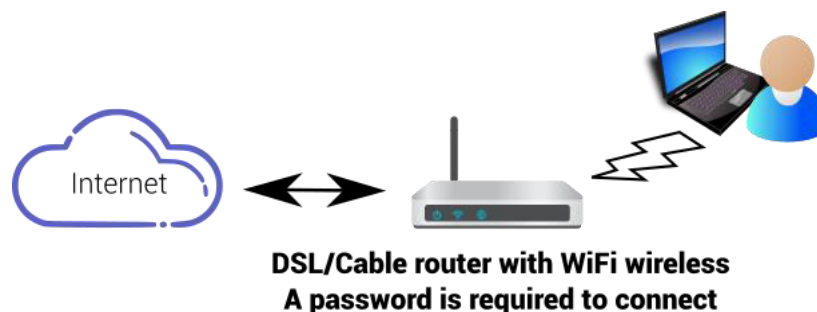
In order to explain Internet Wi-Fi, we first need to clarify **What is Wi-Fi?**

Wi-Fi stands for **Wireless Fidelity** and it is the technology used by laptops, tablets, mobile phones and other devices to connect to the Internet without wires.

The Internet is delivered via a DSL or cable connection to a **wireless router**.

A **wireless router** is an electronic device that sends data from the Internet cable to a device through radio signals instead of another cable.

So, an **Internet Wi-Fi** is a wireless connection for any device (computers, laptops, tablets, smartphone, etc.).

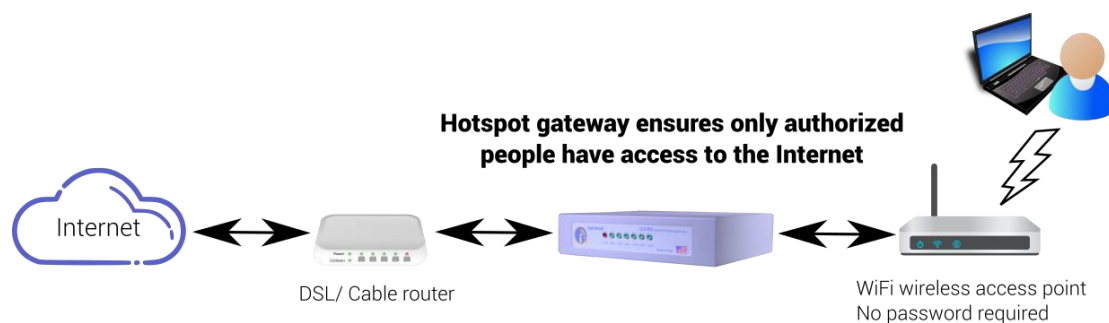


Most homes and offices have a wireless router that provides Internet. The wireless router has a password (WEP or WPA key), therefore devices can only connect to the Internet when the password is provided.

What is Wi-Fi Hotspot?

Essentially **Wi-Fi Hotspot** is similar to **Internet Wi-Fi**, it differs in a few aspects:

- The wireless router does not have a password, therefore anyone with a mobile device/tablet/laptop can connect to the network;
- Due to the lack of password, it is typically installed in **public locations**;
- Access to the Internet is controlled by a **Gateway** so that only users who have been given authorization can connect to the Internet.



The **wired router** gets Internet connection from the **Internet Service Provider (ISP)**, the **Gateway** is connected to the wired router in order to control who can connect and a **wireless access point** is connect to the gateway so it can pass the Wi-Fi signal to devices.

What does a Gateway do?

A **Gateway** is a device that provides authentication, authorization and accounting for a wired or wireless network.

The Gateway has different types of access methods which are selected according to the business' requirements in order to control who has access to the network:

- User agrees to the terms and conditions of use
- Business provides a code (paid or free) to the user
- Social media login (via Facebook)
- User provides personal information (e.g. name, phone number, email address...) in order to connect to the Internet

It is possible to combine some of these options. For example: provide a free and slow Internet, and then charge for a high speed Internet access.

The Gateway can control the download speed of each user. This is necessary so that the **bandwidth** (the amount of data that can be carried from one point to another in a given time period - usually a second) available from the DSL or cable provider can be shared equally between all users.

The Gateway has many other features that help the business owner provide guests and visitors with a good reliable Internet service, while ensuring that the business is not put at risk. A few features are:

- Limit the number of data bytes that a user can download
- Charging a customer for Internet use via PayPal or Credit/Debit card
- Monitoring the use of the Hotspot with reports on connected users, usage and billing
- Generation of codes
- Setting the Hotspot to be available during certain hours
- Custom login page, the first thing the guest sees when trying to connect to the Internet
- The Gateway can send an email to the Hotspot manager with reports, notifications and guest's information
- The Gateway can have a firewall that prevents any Hotspot users to connect to the business' computers, to prevent hacking
- The Gateway can block users who are abusing the service and allow approved devices to connect directly to the Internet
- The Gateway can have a printer connected that prints codes onto tickets

In addition to the features listed above, the Gateway can also have **Cloud management**. Cloud management is a tool that permits one or many Gateways to be managed via Cloud service. This is very useful for two types of applications:

- When a business chain has many locations that provide Internet Wi-Fi for guests, then all Gateways installed on the premises of each location can be managed by one member of staff at a central IT facility
- When a business uses an IT service provider to take care of all IT issues

What are the dangers of providing Internet access for guests?

Most retail business have a **Point of Sale (PoS)** on the premises and many business owners are aware of the danger of hacking that can occur if the PoS is connected directly to the Internet without protection of a firewall. However there are other risks of having the PoS hacked that the business owner may not be aware of. One situation might occur when the business provides Wi-Fi Internet Hotspot access for the customer.

By connecting a Wi-Fi wireless unit directly to the same network as the PoS, any user of the public Wi-Fi is able to access the PoS. An experienced credit card thief can steal the credit card information from the PoS in a few minutes, without the need to enter the premises.

Business owners should be aware that a Wi-Fi wireless unit should never be connected directly to the PoS network. The **credit card company rules (PCI DSS)** requires that a public Wi-Fi wireless unit is connected via one of the two methods:

1. The Wi-Fi wireless unit should be connected to a second independent Internet circuit (DSL), or
2. The Wi-Fi wireless unit should only be connected to the PoS network through a second firewall

How to eliminate risks when installing a Wi-Fi Hotspot for guests?

By providing an open Wi-Fi wireless unit the retail business owner is also exposed to risks in addition to those of having credit card information stolen from the PoS.

The public Wi-Fi may be used to share copyrighted material and when that happens the business owner will receive a **DMCA Notice** from the ISP, advising that illegal file sharing must stop, or else the Internet service will be disconnected. The retailer relies on the Internet service to process credit cards, and so the disconnection of the Internet service will prevent the retailer processing credit card payments.

The public Wi-Fi Internet service can be abused in other ways. Customers can occupy coffee shop tables while using the free service without purchasing products, thereby reducing the profitability of the business. Customers can also download very large files (e.g. videos) which will result in other customers getting a very low Wi-Fi service, and creating a delay to process credit cards, slowing the checkout process.

A Internet Hotspot Gateway will solve the business Wi-Fi problems. The Gateway has a **firewall** (a network security system designed to prevent unauthorized access to or from a private network) which prevent Wi-Fi users getting access to the PoS and other business computers. The Gateway also has control mechanisms that prevent illegal file sharing, and also prevents any customer using all the available Internet bandwidth capacity. The Gateway can also limit the time that a customer can connect to the Internet, preventing a coffee shop or restaurant being occupied by customers who are not purchasing products. The Gateway can also provide a limited time code to each customer at the check out point.

Why choose Guest Internet?

Guest Internet is market leading Internet Hotspot Gateway with content control. Our low cost Internet Hotspot Gateway has no extra charges or monthly fees and provides the following:

- Free lifetime support
- The ability to fully manage public Internet access:
- Different types of login (agree with disclaimer, email login, login with a code and login via social media)
- Setting limits to all the users or to individual codes - time limit, speed limit and data limit
- Manage units remotely with a free Cloud service
- Display a custom login page with promotional content to customers
- Charge for access
- Collect data about customers for marketing

We Make Wi-Fi Hotspot Work Better

Add our Hotspot gateway to improve your Wi-Fi Hotspot:

- Plug & play installation with easy to use wizard
- Display a login page with your logo and adverts
- Require use of individual or group login codes
- Credit card & PayPal billing and reporting
- Built-in firewall
- Illegal downloads and web sites can be blocked
- Speed control shares bandwidth
- Access can be blocked outside of business hours
- No extra charges or monthly fees

We offer a very simple and low cost way to add important features for any Wi-Fi Hotspot.

We make a range of products: from a 25 users product for a bar or restaurant, up to a 2000+ users product suitable for a large resort.

Product features have been designed to protect your business from the consequences of data theft, and to give your guests and visitors a great Internet service.

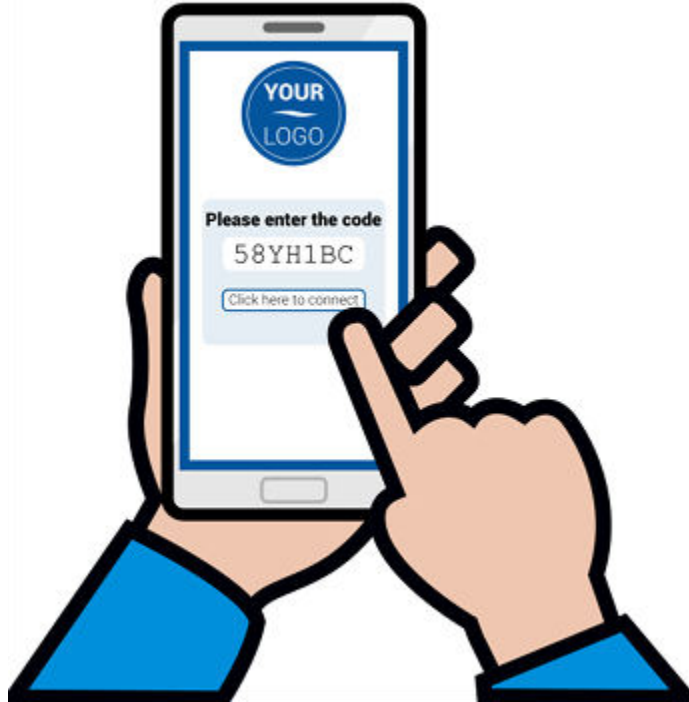
Our products make great financial sense: low cost products ensure that you get a fast return on investment.

Plug and play installation

Our products do not require a computer specialist to install them. With the easy to follow setup wizard, any person who runs a business already has the skills required.

10,000 access codes

Up to 10,000 access codes can be generated at one time. As access codes expire then new codes can be generated. Access codes have many features/limits such as duration, single/multi user per code, and download/upload speeds.



Credit card billing and reporting

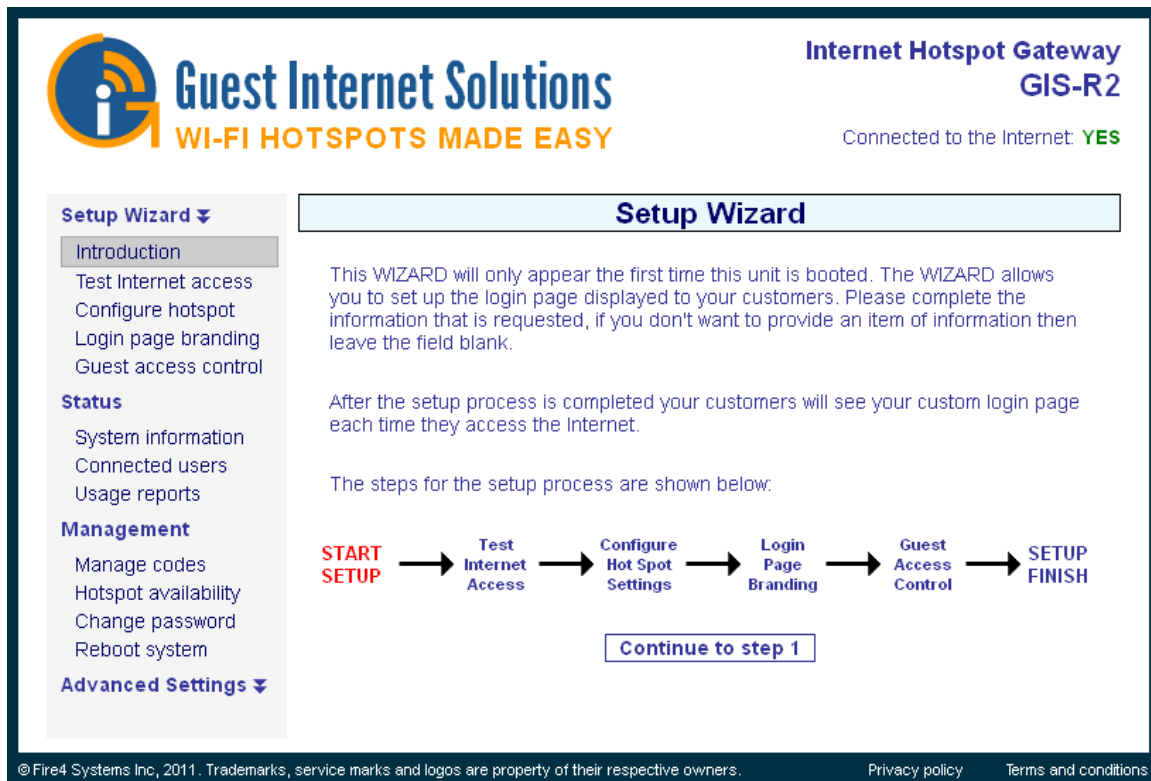
Credit card billing can be configured for commercial Hotspots. A PayPal account is required and the account information must be entered during the configuration process. All payments go directly to your PayPal account.

Illegal downloads are blocked

Some guests and visitors have file sharing software installed in their computers. When the files are copyrighted (music MP3's or videos) the sharing of files is illegal. File sharing can be identified by organizations like the RIAA who are then suing DSL customers. Our higher performance products block file sharing to prevent the Hotspot operator being at risk of DSL disconnection and lawsuits.

Very easy to use

Connect the product to your router or cable modem then connect a computer to the product. Just answer the questions that appear on the screen in the setup wizard:



The screenshot shows the 'Internet Hotspot Gateway GIS-R2' setup wizard. The interface includes a sidebar with navigation links: 'Setup Wizard' (expanded), 'Introduction', 'Test Internet access', 'Configure hotspot', 'Login page branding', 'Guest access control', 'Status' (System information, Connected users, Usage reports), 'Management' (Manage codes, Hotspot availability, Change password, Reboot system), and 'Advanced Settings'. The main content area is titled 'Setup Wizard' and contains instructions: 'This WIZARD will only appear the first time this unit is booted. The WIZARD allows you to set up the login page displayed to your customers. Please complete the information that is requested, if you don't want to provide an item of information then leave the field blank.' It also states: 'After the setup process is completed your customers will see your custom login page each time they access the Internet.' A flowchart shows the steps: 'START SETUP' → 'Test Internet Access' → 'Configure Hot Spot Settings' → 'Login Page Branding' → 'Guest Access Control' → 'SETUP FINISH'. A 'Continue to step 1' button is visible below the flowchart. The footer includes copyright information: '©Fire4 Systems Inc., 2011. Trademarks, service marks and logos are property of their respective owners.' and links for 'Privacy policy' and 'Terms and conditions'.

The wizard checks your Internet connection then creates your custom login page and selects the correct features for your business.

You now have a Wi-Fi Hotspot to provide Internet for your guests.

Login page: use for advertising

Twelve different login pages are already installed in all our products. In addition you can upload your own background photo or design a login page with advertising using HTML. Promote specials to increase sales, or provide a discount coupon to encourage return visits.

[Read more about login pages](#)

Speed control shares bandwidth

One of the problems with Wi-Fi Hotspots is that some guests abuse the service by downloading very large files. This slows Internet access for all the other guests, and also for the business computers if one DSL or cable connection is used for all services. Our speed control ensures that each guest gets a fair share of the total bandwidth available and prevents anyone downloading a large file from slowing the Internet service for other guests.

Built-in Firewall

All our products have a firewall which prevents Wi-Fi Hotspot users accessing any computer that is connected to the same DSL or cable. The firewall prevents a hacker getting access to a Point of Sale (PoS) terminal to prevent the theft of credit card information. Our product firewall technology complies with the credit card industry PCI DSS requirements to protect PoS and computers that contain credit card information..

Web sites can be blocked

Our products have a feature called content filtering. This blocks access to adult and similar websites, ensuring that web surfing is family friendly. In addition to serving as a parental control content filtering prevents anyone viewing unpleasant website in public places. Content filtering ensures that you will not get any complaints from guests who have been offended by the Wi-Fi Hotspot service. In addition to website category blocking our products also have a domain/IP white list and black list.

Products





GIS Wireless Gateway Products

	GIS-K1	GIS-K3	GIS-K5	GIS-K7
Core GIS Features	•	•	•	•
Customer Data Collection	•	•	•	•
Facebook Login	•	•	•	•
PCI compliant Firewall	•	•	•	•
PayPal® & Credit Card Billing	•	•	•	•
Internet por ficha	•	•	•	•
FREE Cloud management	•	•	•	•
Indoor installation	•		•	
Outdoor installation		•		•
Antenna type omni-directional	•		•	•
Antenna type directional		•		
Power over Ethernet (PoE)		•	•	•
WAN Port 10/100	•	•	•	•
LAN port(s) 10/100	4	1	1	0
Wireless (WiFi) technology	11n	11n	11n	11n
Wireless (WiFi) data speed	300Mb/s	300Mb/s	300Mb/s	300Mb/s
User limit**	none	none	none	none
Throughput (Mbps)***	50	75	75	75

**There are no limits on the number of users but user capacity is dependent on type and quantity of user traffic, backhaul bandwidth and gateway options.

***Throughput is dependent on network infrastructure, backhaul bandwidth and gateway options.

GIS Wireless Hotspot Gateway Product Links

Product	Range	Photo	Datasheet
GIS-K1	Wireless		https://guest-internet.com/GIS-K1_product_page.php
GIS-K3	Wireless		https://guest-internet.com/GIS-K3_product_page.php
GIS-K5	Wireless		https://guest-internet.com/GIS-K5_product_page.php
GIS-K7	Wireless		https://guest-internet.com/GIS-K7_product_page.php




GIS Ethernet Gateway and PRO Gateway Products

	Ethernet Gateways			PRO Gateways		
	GIS-R2	GIS-R4	GIS-R6	GIS-R10	GIS-R20	GIS-R40
Core GIS Feature	•	•	•	•	•	•
Customer Data Collection	•	•	•	•	•	•
Facebook Login	•	•	•	•	•	•
Advanced Firewall		•	•	•	•	•
PayPal® & Credit Card Billing		•	•	•	•	•
Internet por ficha	•	•	•			
FREE Cloud management	•	•	•	•	•	•
Rack-mountable (1U)			•	•	•	•
Processor architecture	32 bit 2-core	32 bit 2-core	32 bit 2-core	64 bit 2-core	64 bit 2-core	64 bit 4-core
WAN Ports Gb Load balance/Failover	1	1	2	2	2	4
LAN Ports Gb	4	4	3	4	4	2
User limit**	none	none	none	none	none	none
Throughput (Mbps)***	100	150	200	400	600	800




** There are no limits on the number of users but user capacity is dependent on type and quantity of user traffic, backhaul bandwidth and gateway options.

***Throughput is dependent on network infrastructure and gateway options.

GIS Ethernet Hotspot Gateway Product Links

Product	Range	Photo	Datasheet
GIS-R2	Ethernet		https://guest-internet.com/GIS-R2_product_page.php
GIS-R4	Ethernet		https://guest-internet.com/GIS-R4_product_page.php
GIS-R6	Ethernet		https://guest-internet.com/GIS-R6_product_page.php

GIS High Performance Enterprise (PRO) Ethernet Hotspot Gateway Product Links

Product	Range	Photo	Datasheet
GIS-R10	Pro		https://guest-internet.com/GIS-R10_product_page.php
GIS-R20	Pro		https://guest-internet.com/GIS-R20_product_page.php
GIS-R40	Pro		https://guest-internet.com/GIS-R40_product_page.php

GIS Wireless Range Core functionality:	Plug and Play Wizard Custom Login Page Authentication Internet por Fichas Disclaimer Editor Access Code Generation Content Filtering Bandwidth Control Basic Firewall Usage and Billing Reports Facebook™ Login URL Filter MAC Filter Access Code API Ethernet port(s) 10/100 Wireless access point, 11n 300Mb/s
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GIS-K1 Wireless Hotspot Gateway

The GIS-K1 is a powerful long-range wireless access point for indoor installations and has a omni-directional antennas for 2x2 MIMO with 300Mb/s capacity.

The GIS-K1 Hotspot Gateway WAN Port plugs into your ISP router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-K1 can have additional wireless access points and wired computers connected to the four LAN ports.

The GIS-K1 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits per user from any device connected to your network.

The GIS-K1 has the voucher design and printing feature that is very popular with customers in Latin America who install Internet-por-ficha sites.

The GIS-K1 Hotspot Gateway is a simple plug and play installation, requiring no specialist technical knowledge.

The login page will allow your guests access to the Internet using one of the following methods:

- Open Access: no login page but firewall rules applied
- Agree to terms and conditions
- Login with a pre-generated login code
- Provide email address and other information
- Purchase access using a credit card
- 2-tier access: free slow speed + purchase high speed
- Facebook login



GIS-K3 Wireless Hotspot Gateway

The GIS-K3 is a powerful long-range wireless access point for outdoor installations and has a directional antenna for 2x2 MIMO with 300Mb/s capacity.

The GIS-K3 Hotspot Gateway WAN Port plugs into your ISP router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-K3 can have additional wireless access points connected to the LAN port.

The GIS-K3 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits per user from any device connected to your network.

The GIS-K3 has the voucher design and printing feature that is very popular with customers in Latin America who install Internet-por-ficha sites.

The GIS-K3 Hotspot Gateway is a simple plug and play installation, requiring no specialist technical knowledge.

The login page will allow your guests access to the Internet using one of the following methods:

- Open Access: no login page but firewall rules applied
- Agree to terms and conditions
- Login with a pre-generated login code
- Provide email address and other information
- Purchase access using a credit card
- 2-tier access: free slow speed + purchase high speed
- Facebook login



GIS-K5 Wireless Hotspot Gateway

The GIS-K5 is a powerful long-range wireless access point for indoor installations and has an omni-directional antenna for 2x2 MIMO with 300Mb/s capacity.

The GIS-K5 Hotspot Gateway WAN Port plugs into your ISP router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-K5 can have additional wireless access points connected to the LAN port.

The GIS-K5 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits per user from any device connected to your network.

The GIS-K5 has the voucher design and printing feature that is very popular with customers in Latin America who install Internet-por-ficha sites.

The GIS-K5 Hotspot Gateway is a simple plug and play installation, requiring no specialist technical knowledge.

The login page will allow your guests access to the Internet using one of the following methods:

- Open Access: no login page but firewall rules applied
- Agree to terms and conditions
- Login with a pre-generated login code
- Provide email address and other information
- Purchase access using a credit card
- 2-tier access: free slow speed + purchase high speed
- Facebook login



GIS-K7 Wireless Hotspot Gateway

The GIS-K7 is a powerful long-range wireless access point for outdoor installations and has an omni-directional antenna for 2x2 MIMO with 300Mb/s capacity.

The GIS-K7 Hotspot Gateway WAN Port plugs into your ISP router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-K7 can have additional wireless access points and wired computers connected to the four LAN ports.

The GIS-K7 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how you want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits per user from any device connected to your network.

The GIS-K7 has the voucher design and printing feature that is very popular with customers in Latin America who install Internet-por-ficha sites.

The GIS-K7 Hotspot Gateway is a simple plug and play installation, requiring no specialist technical knowledge.

The login page will allow your guests access to the Internet using one of the following methods:

- Open Access: no login page but firewall rules applied
- Agree to terms and conditions
- Login with a pre-generated login code
- Provide email address and other information
- Purchase access using a credit card
- 2-tier access: free slow speed + purchase high speed
- Facebook login



GIS Ethernet Range Core functionality:	Plug and Play Wizard Custom Login Page Authentication Internet por Ficha Disclaimer Editor Access Code Generation Content Filtering Bandwidth Control Firewall Usage and Billing Reports PayPal® and Credit Card Billing (except GIS-R2) Facebook™ Login URL Filter MAC Filter Configuration Backup/Restore Access Code API
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GIS-R2 Ethernet Hotspot Gateway

The GIS-R2 is a high performance dual-processor gateway with a throughput of 100Mb/s

The GIS-R2 Hotspot Gateway plugs into your current router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-R2 works with all types of Internet connected devices, including wireless access points and wired computers.

The GIS-R2 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Main features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits per user from any device connected to your network.

The GIS-R2 Hotspot Gateway is a simple plug and play installation, requiring no specialist knowledge.

The login page will allow your guests access to the Internet using the following methods:

[Facebook login](#)

[Providing email address and other information](#)

[Login with a pre-generated login code](#)

[Agree to terms and conditions ... or Open Access](#)

[Documentation](#)

[Datasheet](#)

[Quickstart](#)



GIS-R4 Hotspot Gateway

The GIS-R2 is a high performance dual-processor gateway with a throughput of 150Mb/s

The GIS-R4 Hotspot Gateway plugs into your current router and provides controlled access to the Internet for up an unlimited number of guests.

The GIS-R4 works with all types of Internet connected devices, including wireless access points and wired computers.

The GIS-R4 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Main features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits **per user** from any device connected to your network.

The GIS-R4 Hotspot Gateway is a simple plug and play installation, requiring no specialist knowledge.

The login page will allow your guests access to the Internet using the following methods:

[Facebook login](#)

[Providing email address and other information](#)

[Login with a pre-generated login code](#)

[Automatic billing for Internet access](#)

[Agree to terms and conditions](#)

[or Open Access](#)

[Documentation](#)



GIS-R6 Hotspot Gateway

The GIS-R6 is a high performance dual-processor gateway with a throughput of 200Mb/s

The GIS-R6 Hotspot Gateway plugs into your current router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-R6 works with all types of Internet connected devices, including wireless access points and wired computers.

The GIS-R6 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Main features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits **per user** from any device connected to your network.

The GIS-R6 Hotspot Gateway is a simple plug and play installation, requiring no specialist knowledge.

The login page will allow your guests access to the Internet using the following methods:

[Facebook login](#)

[Providing email address and other information](#)

[Login with a pre-generated login code](#)

[Automatic billing for Internet access](#)

[Agree to terms and conditions](#)

[or Open Access](#)

[Documentation](#)

GIS Pro Range Core functionality:	Very high performance, high throughput Plug and Play Wizard Custom Login Page Authentication Disclaimer Editor Access Code Generation Content Filtering Bandwidth Control Advanced Firewall Usage and Billing Reports PayPal® and Credit Card Billing Facebook™ Login URL Filter MAC Filter Configuration Backup/Restore Access Code API
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GIS-R10 Hotspot Gateway

The GIS-R10 is a very high performance gateway that has an Intel 64-bit dual-core processor with a throughput of 300Mb/s and dual-WAN

The GIS-R10 Hotspot Gateway plugs into your current router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-R10 works with all types of Internet connected devices, including wireless access points and wired computers.

The GIS-R10 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Main features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits **per user** from any device connected to your network.

The GIS-R10 Hotspot Gateway is a simple plug and play installation, requiring no specialist knowledge.

The login page will allow your guests access to the Internet using the following methods:

[Facebook login](#)

[Providing email address and other information](#)

[Login with a pre-generated login code](#)

[Automatic billing for Internet access](#)

[Agree to terms and conditions](#)

[or Open Access](#)

[Documentation](#)



GIS-R20 Hotspot Gateway

The GIS-R20 is a very high performance gateway that has an Intel 64-bit dual-core high performance processor with a throughput of 500Mb/s and dual-WAN

The GIS-R20 Hotspot Gateway plugs into your current router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-R20 works with all types of Internet connected devices, including wireless access points and wired computers.

The GIS-R20 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Main features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits **per user** from any device connected to your network.

The GIS-R20 Hotspot Gateway is a simple plug and play installation, requiring no specialist knowledge.

The login page will allow your guests access to the Internet using the following methods:

[Facebook login](#)

[Providing email address and other information](#)

[Login with a pre-generated login code](#)

[Automatic billing for Internet access](#)

[Agree to terms and conditions
or Open Access](#)

[Documentation](#)



GIS-R40 Hotspot Gateway

The GIS-R40 is a very high performance gateway that has an Intel 64-bit quad-core high performance processor with a throughput of 800Mb/s and quad-WAN

The GIS-R40 Hotspot Gateway plugs into your current router and provides controlled access to the Internet for an unlimited number of guests.

The GIS-R40 works with all types of Internet connected devices, including wireless access points and wired computers.

The GIS-R40 Hotspot Gateway allows you to safely and securely share your Internet connection with your guests.

Main features include displaying a [custom login page](#), capturing user data for marketing and managing users with a range of powerful tools. You can choose how *you* want to provide Internet access.

Bandwidth controls to improve quality of service (QoS) on the unit can be enabled to limit user download and upload speed, spreading the available bandwidth evenly across users. You can also set time and data limits **per user** from any device connected to your network.

The GIS-R40 Hotspot Gateway is a simple plug and play installation, requiring no specialist knowledge.

The login page will allow your guests access to the Internet using the following methods:

[Facebook login](#)

[Providing email address and other information](#)

[Login with a pre-generated login code](#)

[Automatic billing for Internet access](#)

[Agree to terms and conditions](#)

[or Open Access](#)

Peripherals



GIS-TP1: Printer

The GIS-TP1 adds access code ticket printing to any GIS hotspot gateway product.

The ticket printer has an Ethernet interface and connects to the gateway's LAN network.

A tablet computer or computer can be used to control the printer. Buttons are displayed on the tablet screen or monitor for up to 10 different access code durations. Touching any button causes the ticket to be generated and printed.

The ticket printer is plug and play, simply enter the business information that should be printed on the ticket and the printer is ready to use.

The printer uses low cost 58mm (2 ¼") thermal paper that is available for point of sale printers from any office supply store.

You can learn how to setup your printer by clicking

<https://www.guest-internet.com/docs/en/admininterface/advanced/printersetup>

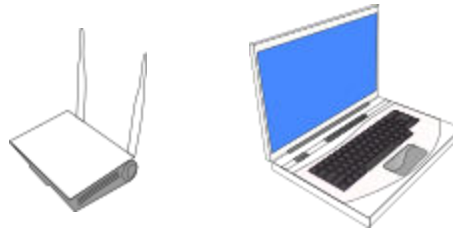
Setup

The setup section will walk you through the basics of installing and using a GIS unit.

Requirements

To setup your GIS unit you need:

A computer

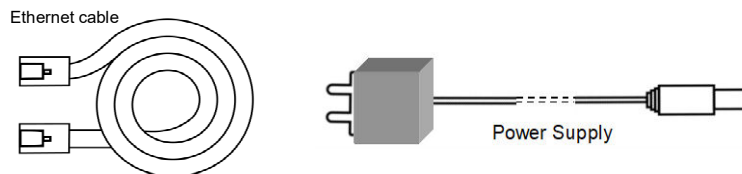


A router or modem



A GIS unit

A Power Supply



Ethernet/Internet cables

Once you have everything from the list above (the power supply and one Ethernet cable comes with the unit), proceed to the [QuickStart Guide](#).

Quickstart Guide

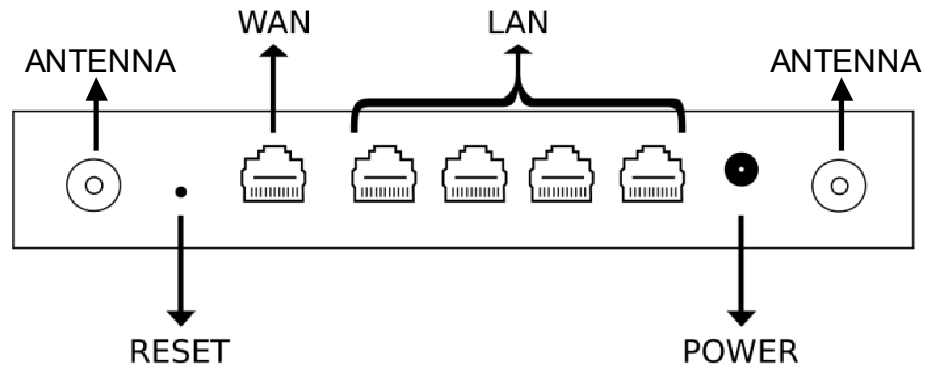
Each Quickstart Guide will guide you through the setup and basic configuration of your GIS unit.

- GIS-K1 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-k1>
- GIS-K3 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-k3>
- GIS-K5 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-k5>
- GIS-K7 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-k7>
- GIS-R2 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-r2>
- GIS-R4 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-r4>
- GIS-R6 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-r6>
- GIS-R10 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-r10>
- GIS-R20 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-r20>
- GIS-R40 : <https://www.guest-internet.com/docs/en/setup/quickstart/gis-r40>

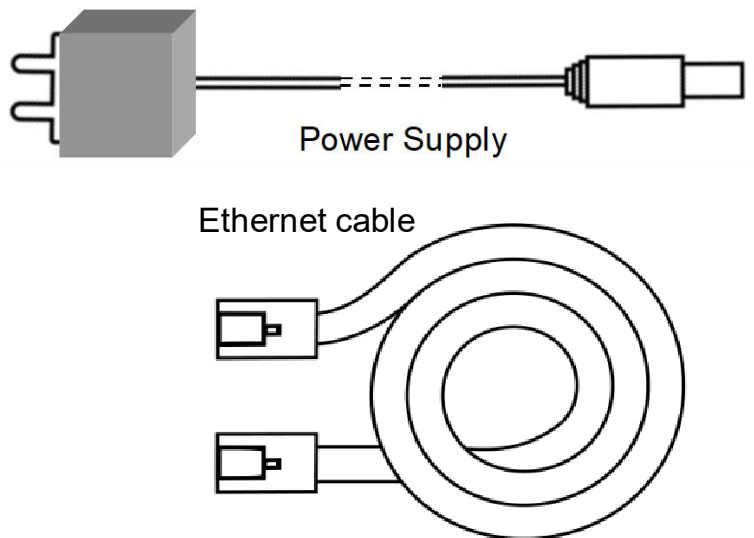
GIS-K1 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-K1 includes an external power supply of 12V, 1A

The back of your GIS-K1 unit:

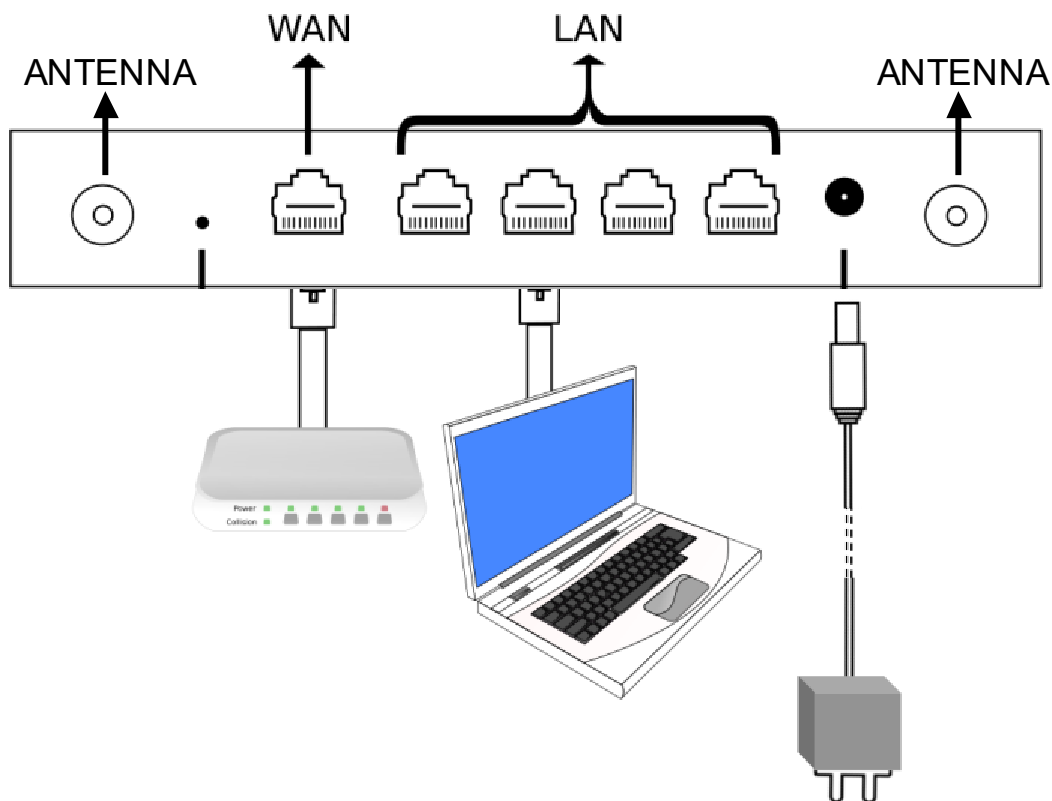


The necessary cables to setup your unit:



Connection Steps

1. Power on the GIS-K1 by connecting the power supply provided
2. Wait 30 seconds for the GIS unit to complete the boot process
3. Connect an Ethernet cable on the WAN port to your router
4. Connect an Ethernet cable on the LAN port and connect the other end to your computer



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

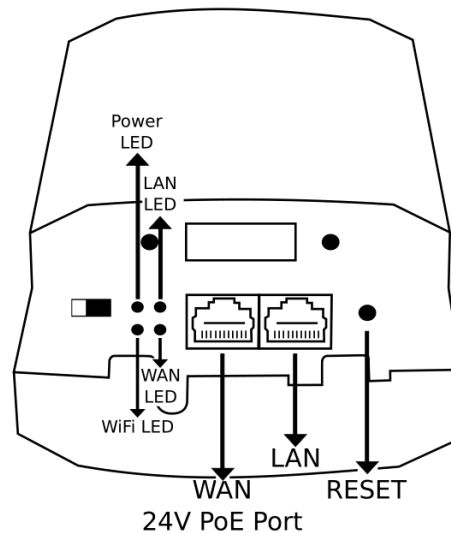


If you run into any issue with the installation of your unit please [contact us](#).

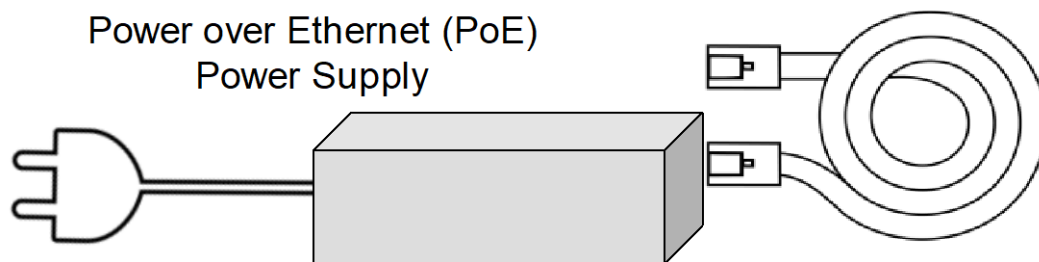
GIS-K3 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-K3 includes a power-over-Internet (PoE) power supply of 24v, 0.5A.

The back of your GIS-K1 unit:

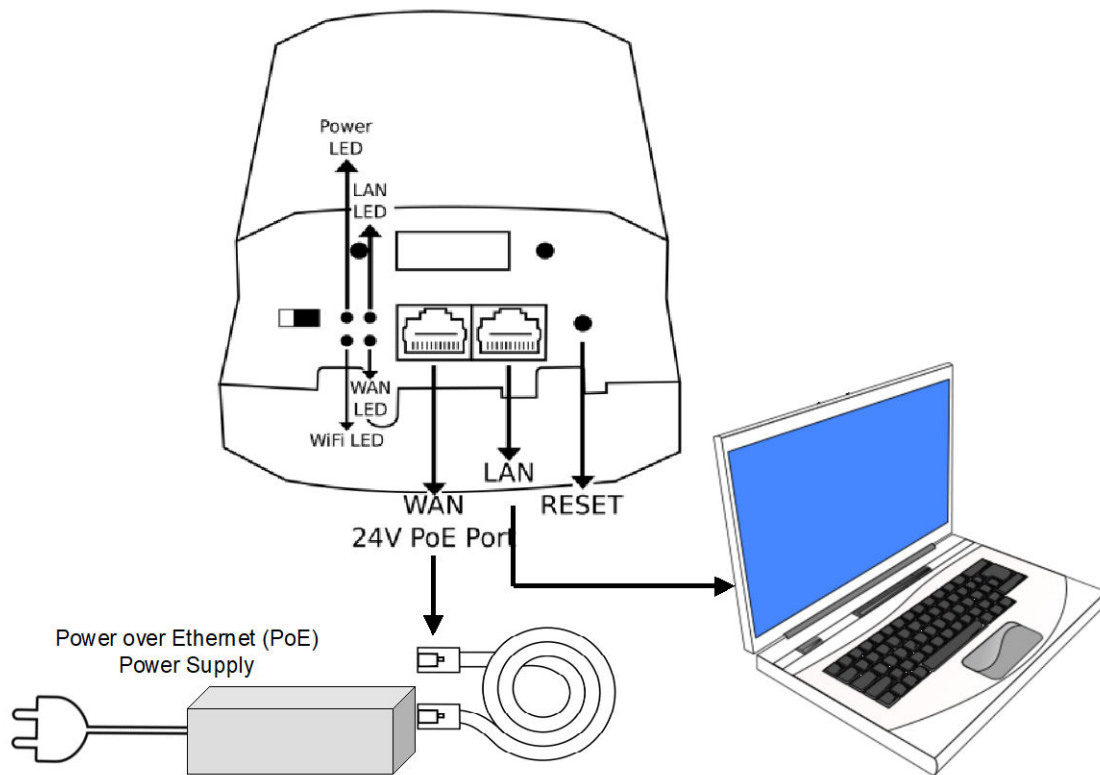


The necessary cables to setup your unit:



Connection Steps

5. Power on the GIS-K1 by connecting the power supply provided
6. Wait 30 seconds for the GIS unit to complete the boot process
7. Connect an Ethernet cable on the WAN port to your router
8. Connect an Ethernet cable on the LAN port and connect the other end to your computer



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

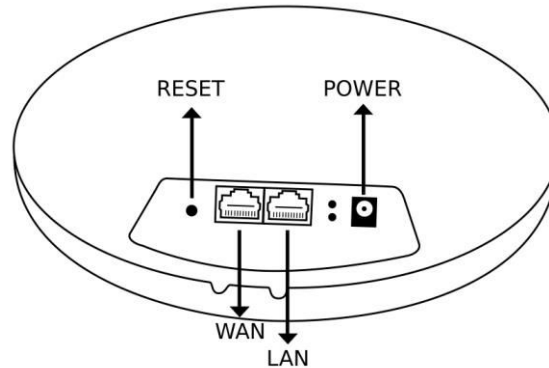


If you run into any issue with the installation of your unit please [contact us](#).

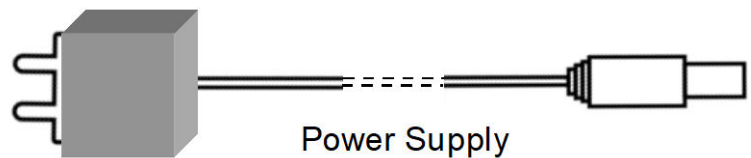
GIS-K5 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-K5 includes an external power supply of 12v, 1A. The GIS-K5 WAN port can also be powered by a 48v PoE switch.

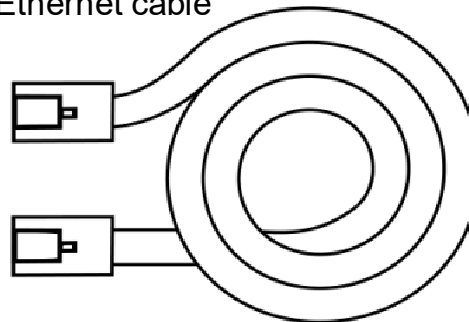
The back of your GIS-K1 unit:



The necessary cables to setup your unit:

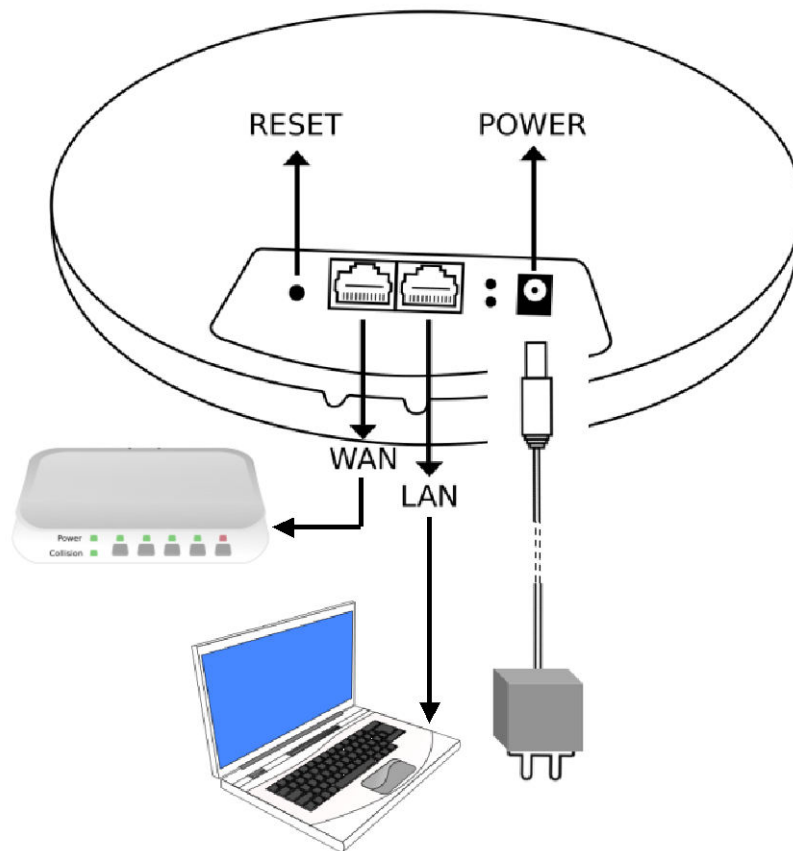


Ethernet cable



Connection Steps

9. Power on the GIS-K1 by connecting the power supply provided
10. Wait 30 seconds for the GIS unit to complete the boot process
11. Connect an Ethernet cable on the WAN port to your router
12. Connect an Ethernet cable on the LAN port and connect the other end to your computer



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

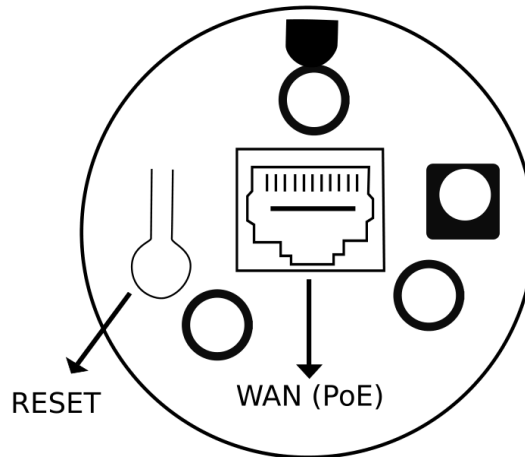


If you run into any issue with the installation of your unit please [contact us](#).

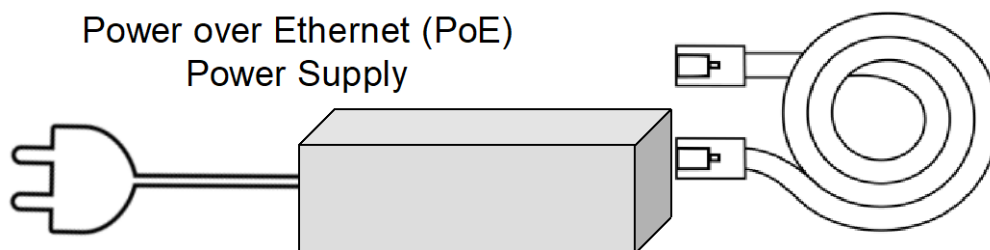
GIS-K7 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-K7 includes a power-over-Internet (PoE) power supply of 24v, 0.5A.

The back of your GIS-K1 unit:

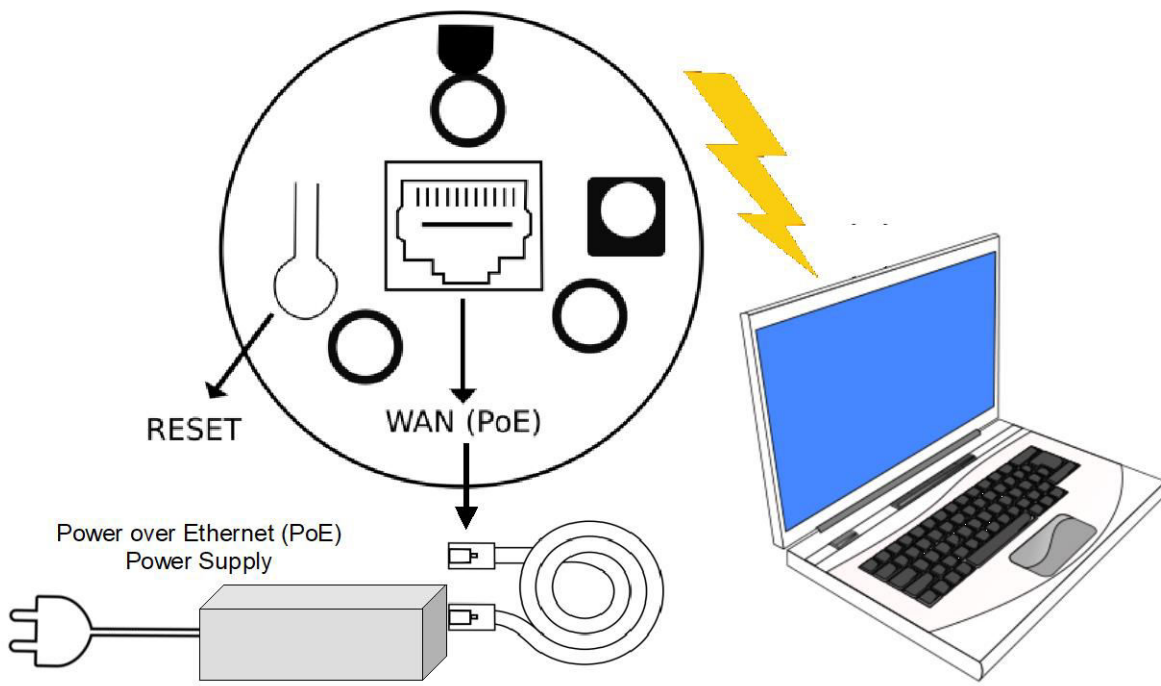


The necessary cables to setup your unit:



Connection Steps

13. Power on the GIS-K1 by connecting the power supply provided
14. Wait 30 seconds for the GIS unit to complete the boot process
15. Connect an Ethernet cable on the WAN port to your router
16. Connect an Ethernet cable on the LAN port and connect the other end to your computer



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

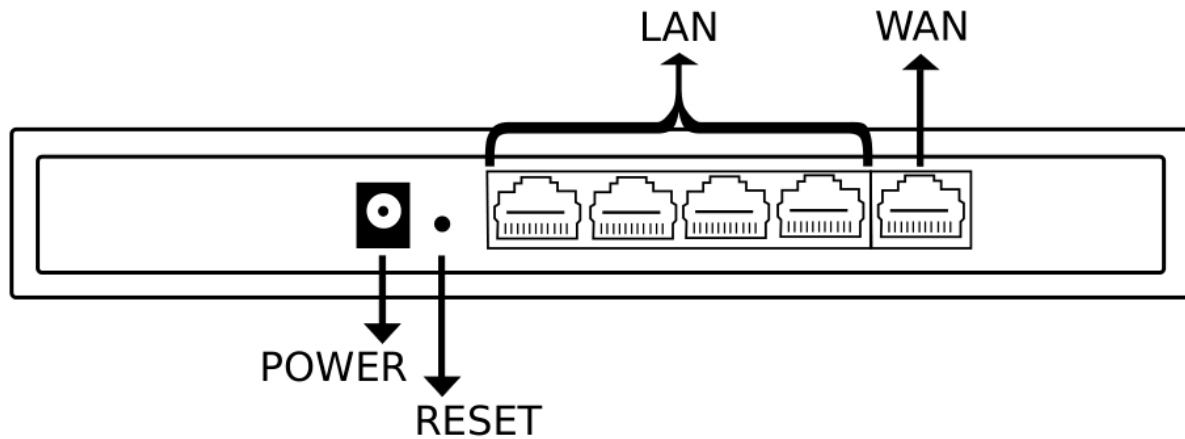


If you run into any issue with the installation of your unit please [contact us](#).

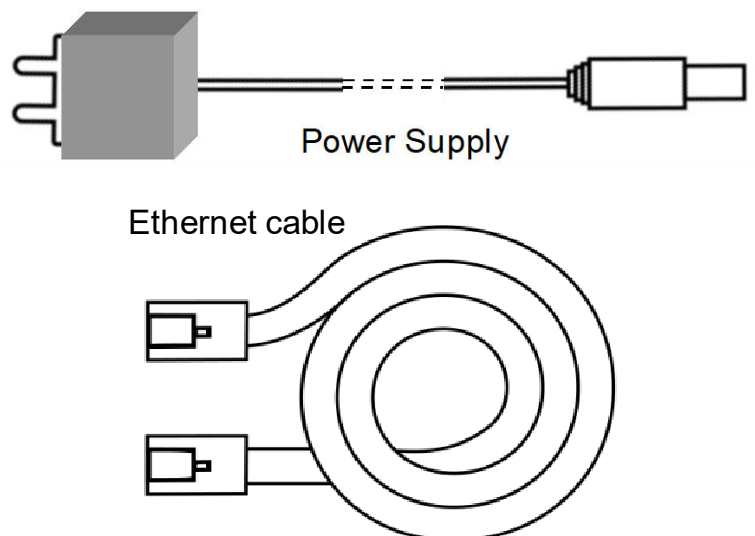
GIS-R2 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-R2 includes an external 12v 1A power supply.

The back of your GIS-R2 unit:

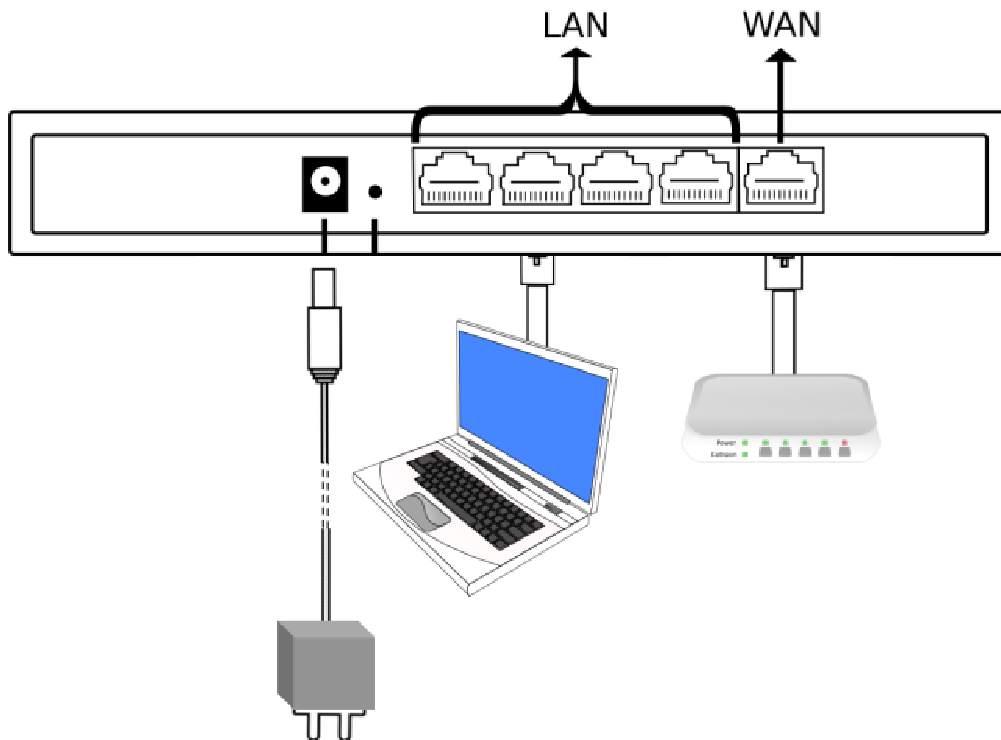


The necessary cables to setup your unit:



Connection Steps

1. Power on the GIS-R2 by connecting the power supply provided
2. Wait 30 seconds for the GIS unit to complete the boot process
3. Connect an Ethernet cable on the WAN port to your router
4. Connect an Ethernet cable on the LAN port and connect the other end to your computer/AP



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

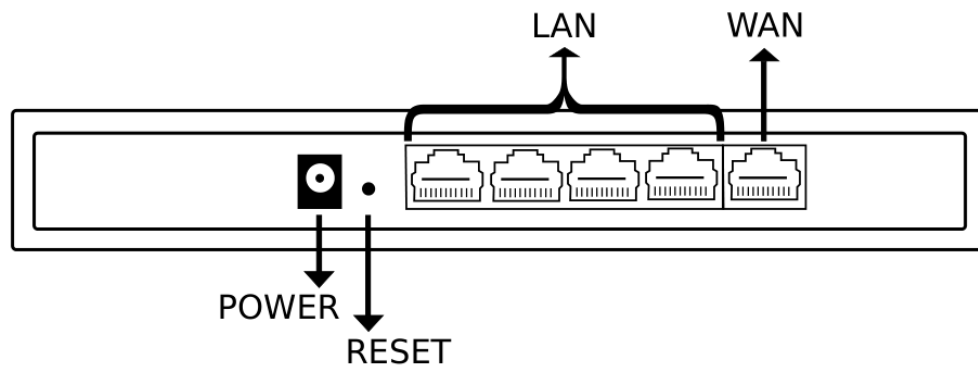


If you run into any issue with the installation of your unit please [contact us](#).

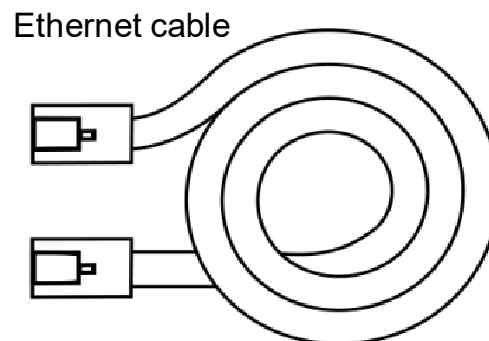
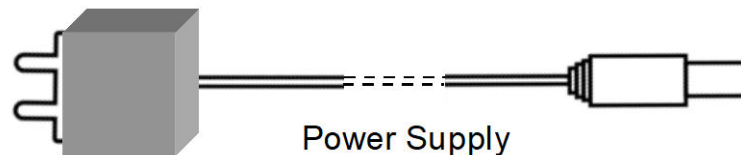
GIS-R4 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-R4 includes an external 12v 1A power supply.

The back of your GIS-R4 unit:

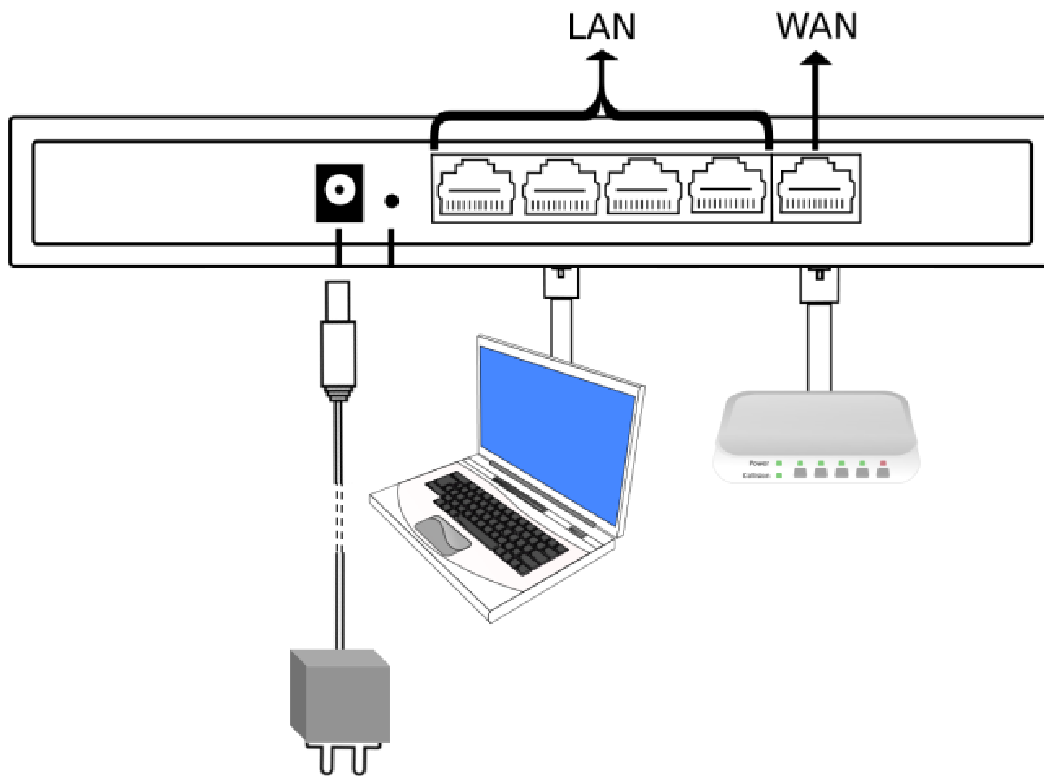


The necessary cables to setup your unit:



Connection Steps

1. Power up using the power supply provided
2. Connect an Internet cable on the LAN port and connect the other end to a computer/AP
3. Connect the Ethernet cable on the WAN port and the other end to a port of the router



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

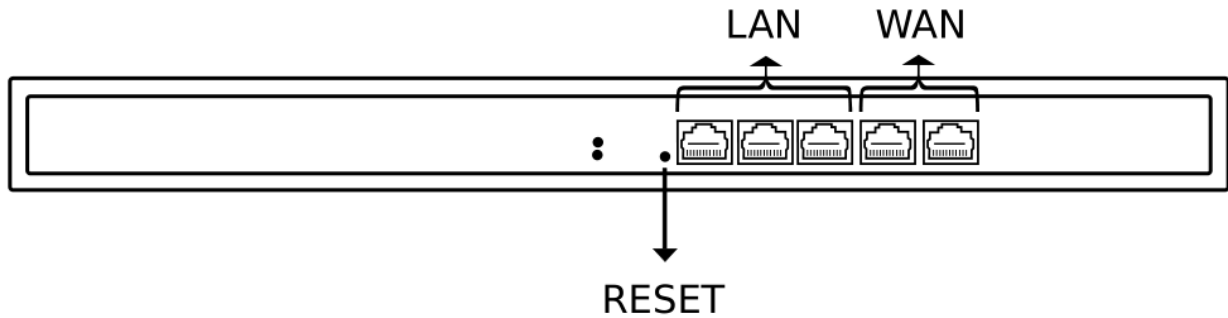


If you run into any issue with the installation of your unit please [contact us](#).

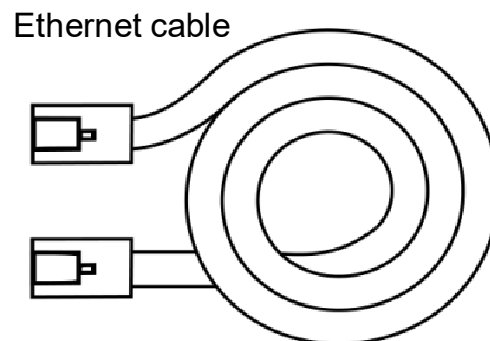
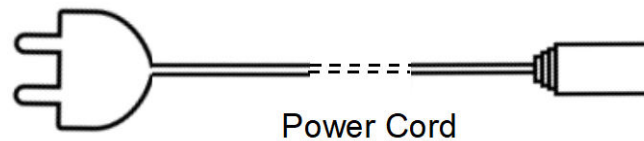
GIS-R6 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-R6 includes a power cord for a 110v-240v power connection.

The back of your GIS-R6 unit:

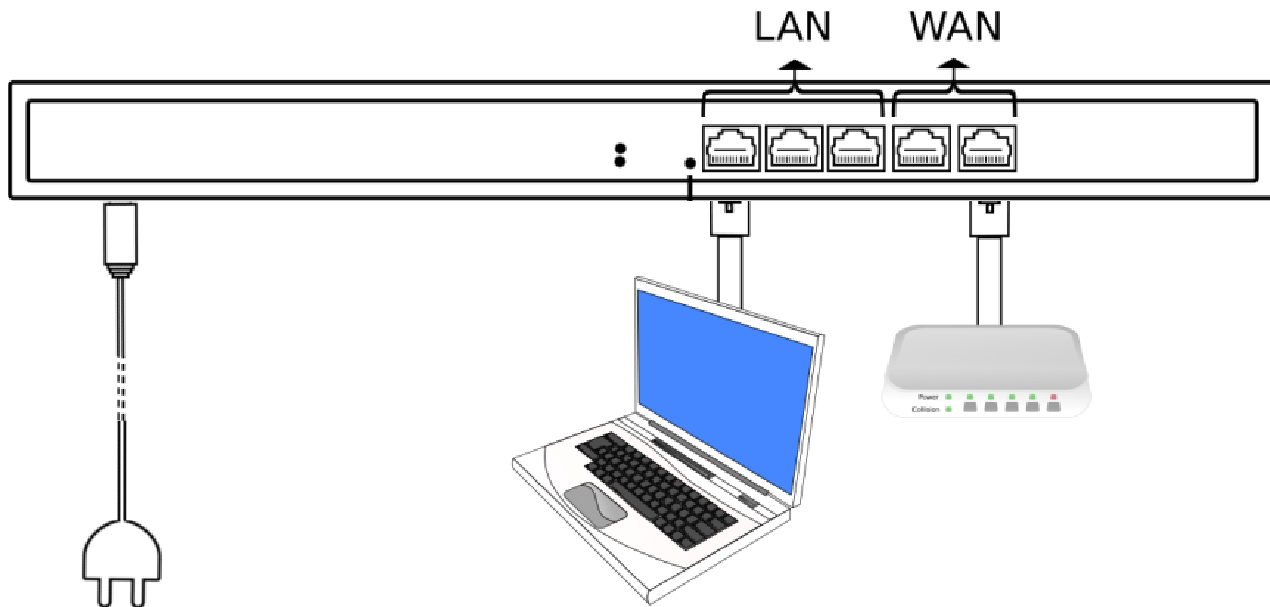


The necessary cables to setup your unit:



Connection Steps

1. Power up using the power supply provided
2. Connect an Internet cable on the LAN port and connect the other end to a computer/AP
3. Connect the Ethernet cable on the WAN port and the other end to a port of the router



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

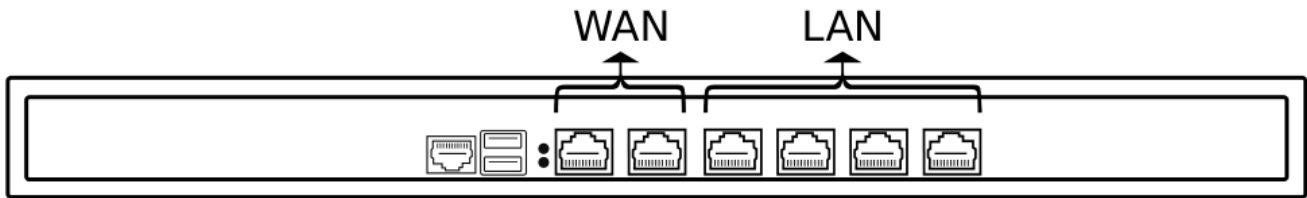


If you run into any issue with the installation of your unit please [contact us](#).

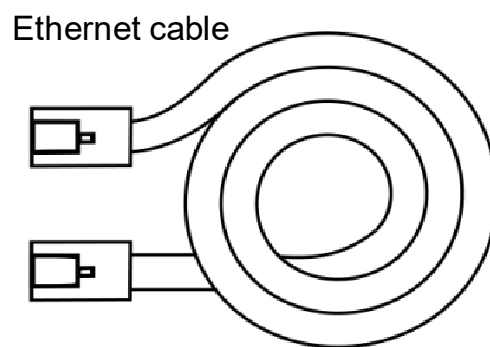
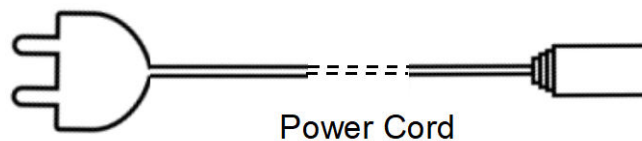
GIS-R10 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-R10 includes a power cord for a 110v-240v power connection.

The back of your GIS-R10 unit:

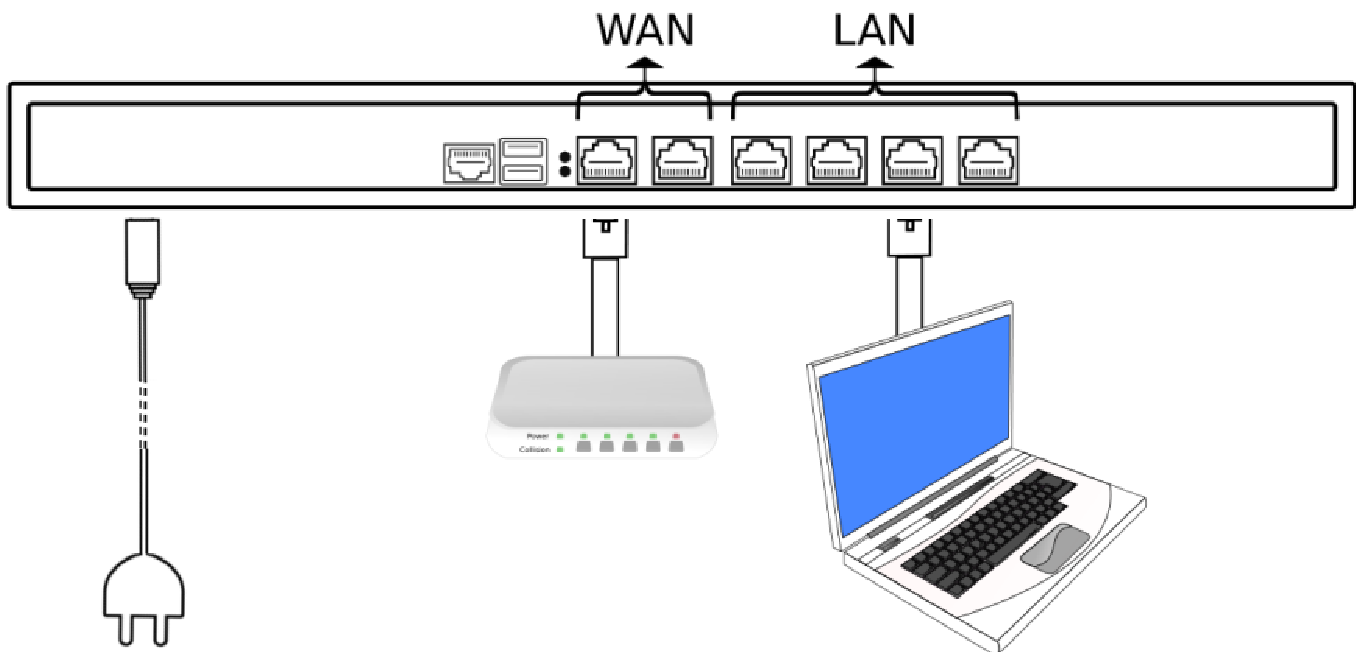


The necessary cables to setup your unit:



Connection Steps

1. Power up using the power supply provided
2. Connect an Internet cable on the LAN port and connect the other end to a computer/AP
3. Connect the Ethernet cable on the WAN port and the other end to a port of the router



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

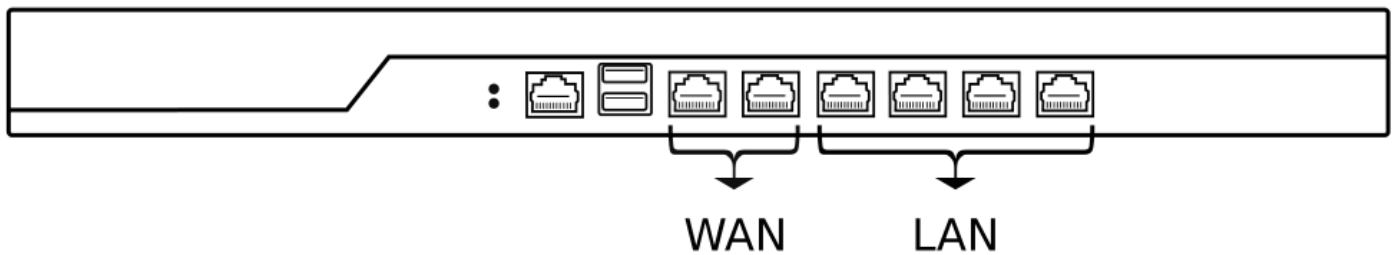


If you run into any issue with the installation of your unit please [contact us](#).

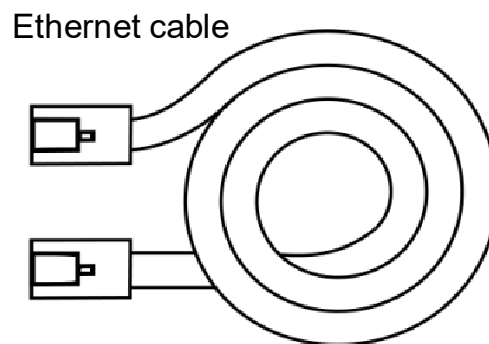
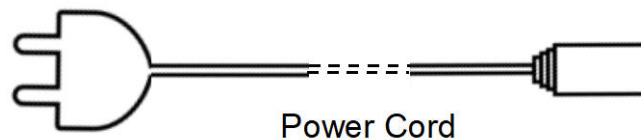
GIS-R20 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-R20 includes a power cord for a 110v-240v power connection.

The back of your GIS-R20 unit:

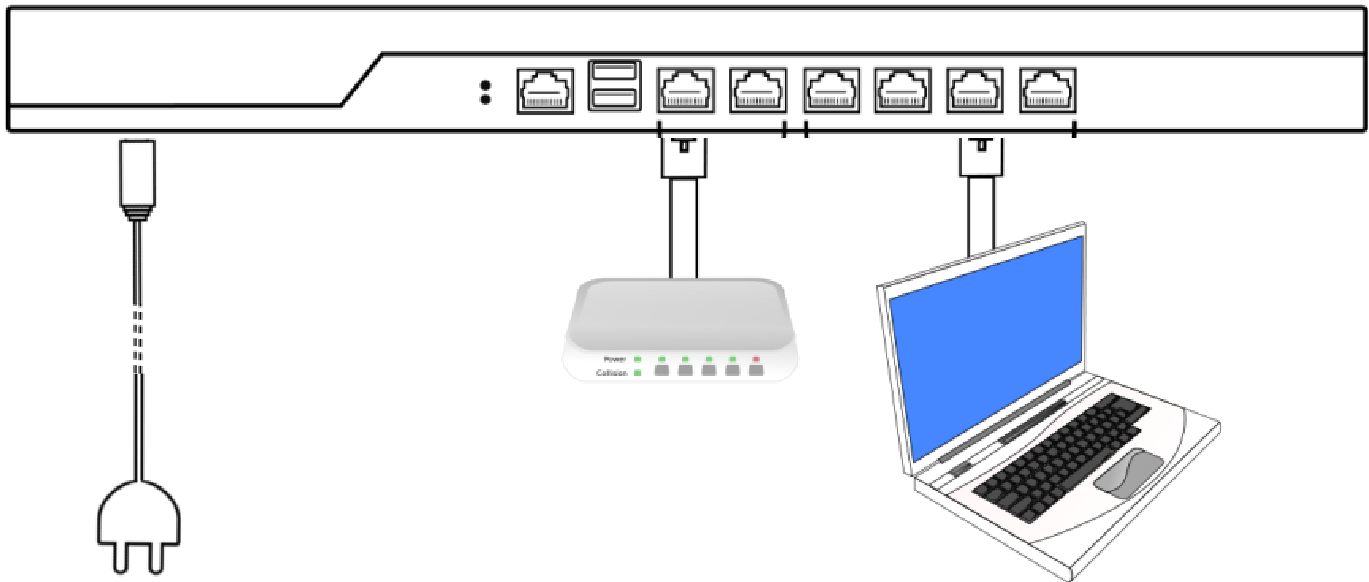


The necessary cables to setup your unit:



Connection Steps

1. Power up using the power supply provided
2. Connect an Internet cable on the LAN port and connect the other end to a computer/AP
3. Connect the Ethernet cable on the WAN port and the other end to a port of the router



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

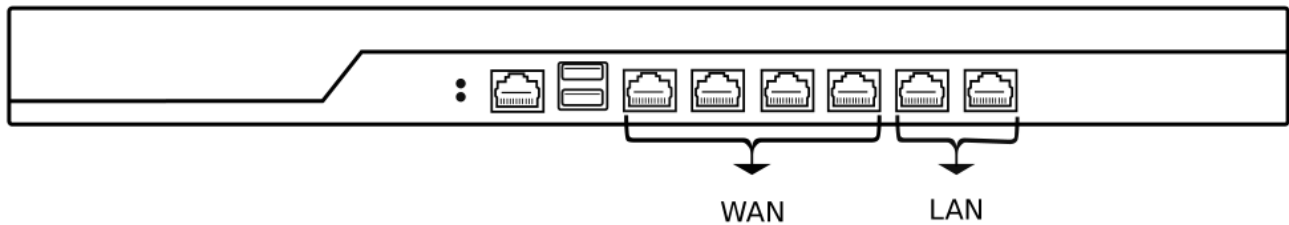


If you run into any issue with the installation of your unit please [contact us](#).

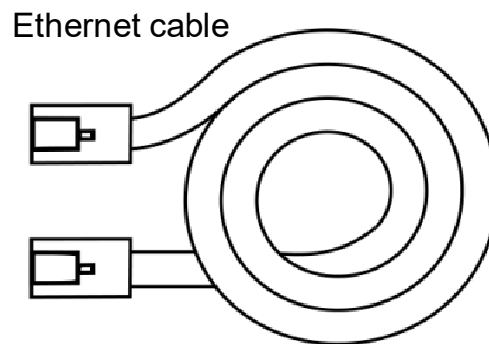
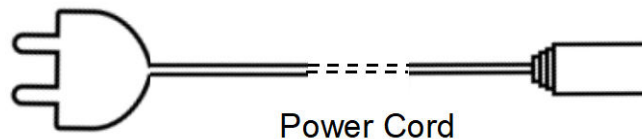
GIS-R40 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet unit so that you can connect to the admin interface. The GIS-R40 includes a power cord for a 110v-240v power connection.

The back of your GIS-R40 unit:

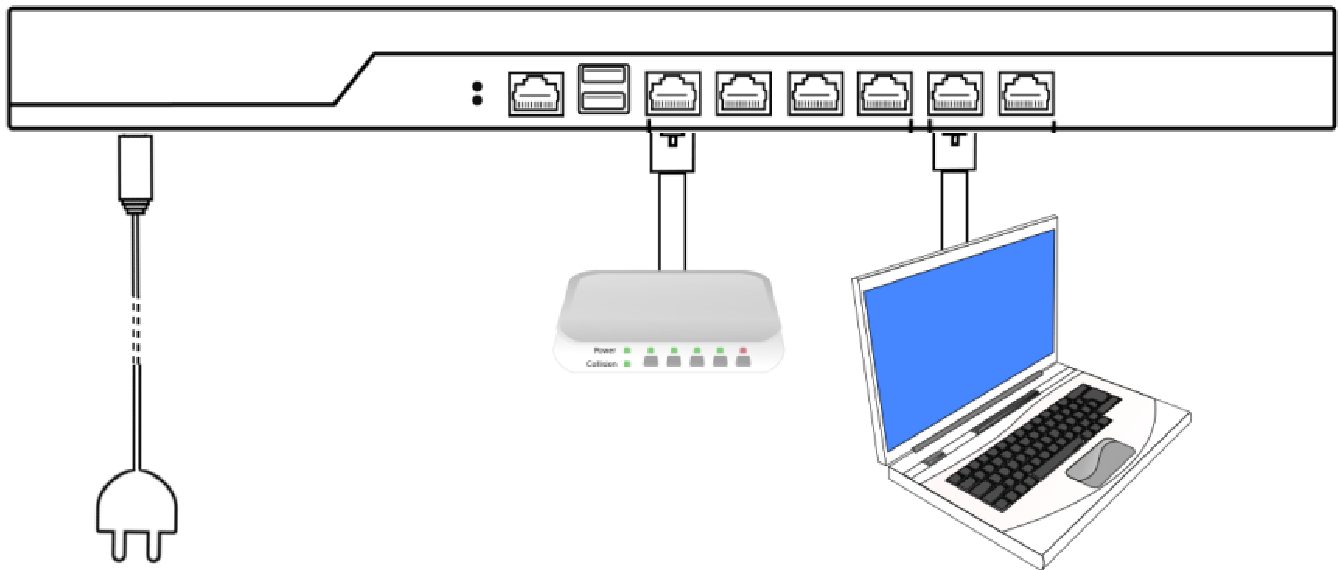


The necessary cables to setup your unit:



Connection Steps

1. Power up using the power supply provided
2. Connect an Internet cable on the LAN port and connect the other end to a computer/AP
3. Connect the Ethernet cable on the WAN port and the other end to a port of the router



- Open your browser at <https://aplogin.com/admin>
 - The next step to configure your GIS unit is to follow the wizards available [here](#)

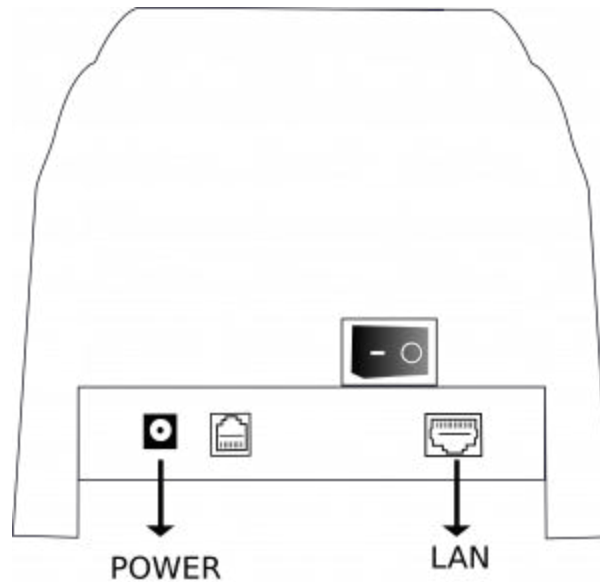


If you run into any issue with the installation of your unit please [contact us](#).

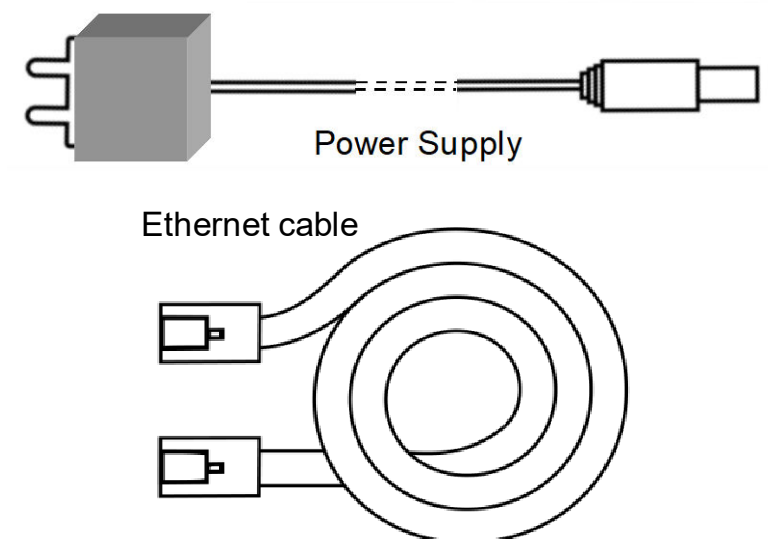
GIS-TP1 Quickstart Guide

This guide will walk you through the initial installation and connection to your Guest Internet printer. The GIS-Tp1 includes an external power supply of 12v, 3A.

The back of your GIS-TP1 unit:

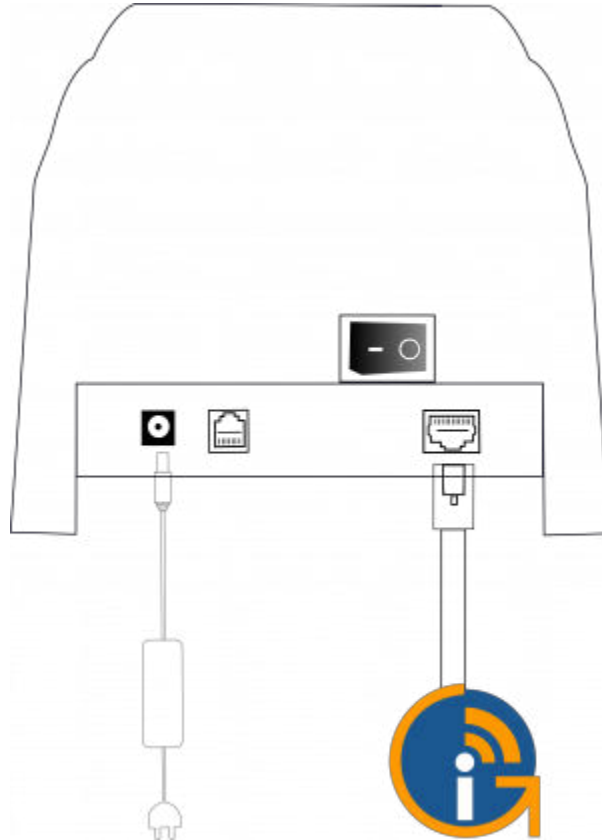


The necessary cables to setup your unit:



Connection Steps

1. Power up using the power supply provided
2. Connect an Internet cable on the LAN port and connect the other end to your GIS unit



Connect to GIS gateway LAN port

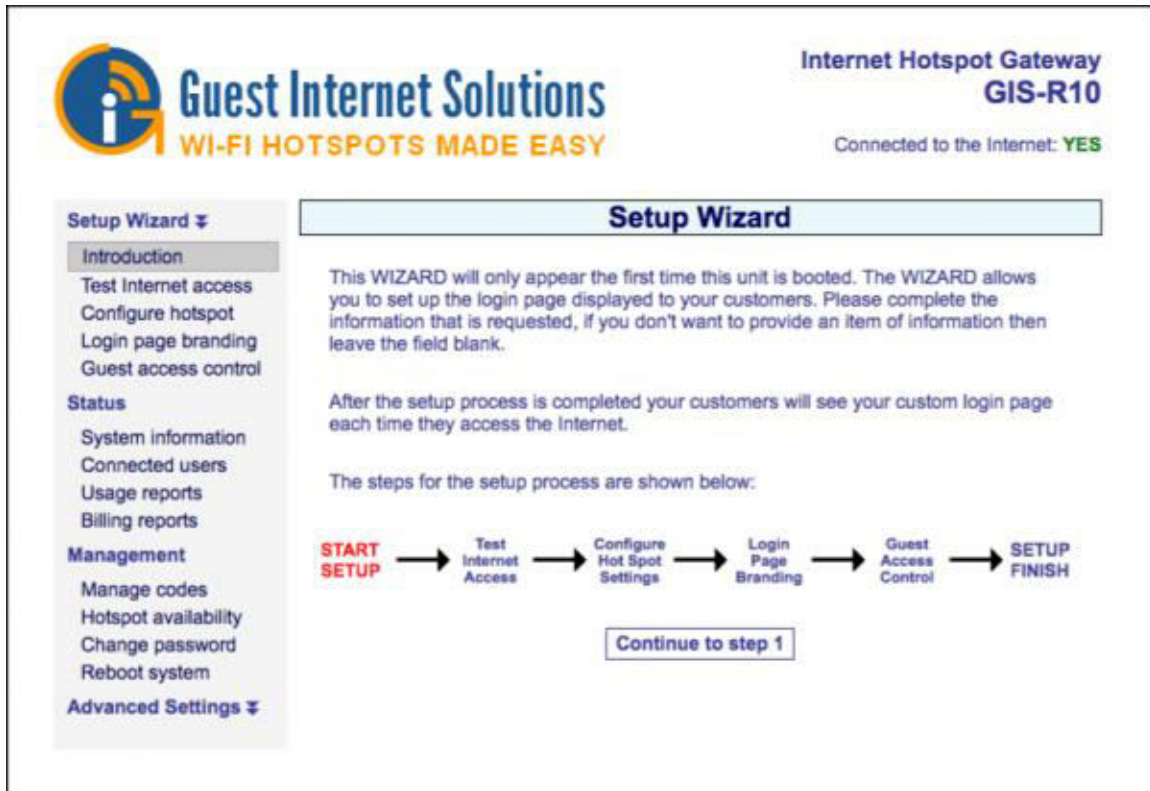
- Open your browser at <https://aplogin.com/admin/printersetup.cgi>
 - You can read more about printer setup [here](#)
 - You can read more about generating codes [here](#)

If you run into any issue with the installation of your unit please [contact us](#).

Wizard

When your computer is connected to the GIS unit for the first time, you need to start the setup process.

To complete the setup process you will need to open your web browser, you may be automatically redirected to the GIS unit wizard if not please go to <http://aplogin.com>



The screenshot displays the 'Setup Wizard' interface for the 'Internet Hotspot Gateway GIS-R10'. The page features the Guest Internet Solutions logo and tagline 'WI-FI HOTSPOTS MADE EASY' in the top left, and the device name 'Internet Hotspot Gateway GIS-R10' in the top right. A status indicator shows 'Connected to the Internet: YES'. On the left, a sidebar menu lists sections: 'Setup Wizard' (expanded), 'Status', 'Management', and 'Advanced Settings'. The 'Setup Wizard' section includes 'Introduction', 'Test Internet access', 'Configure hotspot', 'Login page branding', and 'Guest access control'. The main content area, titled 'Setup Wizard', contains an introduction paragraph, a paragraph about the custom login page, and a flowchart of the setup process. The flowchart shows a sequence of steps: 'START SETUP' (in red), 'Test Internet Access', 'Configure Hot Spot Settings', 'Login Page Branding', 'Guest Access Control', and 'SETUP FINISH'. A 'Continue to step 1' button is located below the flowchart.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard

This WIZARD will only appear the first time this unit is booted. The WIZARD allows you to set up the login page displayed to your customers. Please complete the information that is requested, if you don't want to provide an item of information then leave the field blank.

After the setup process is completed your customers will see your custom login page each time they access the Internet.

The steps for the setup process are shown below:

START SETUP → Test Internet Access → Configure Hot Spot Settings → Login Page Branding → Guest Access Control → **SETUP FINISH**

[Continue to step 1](#)

The setup process has four steps:

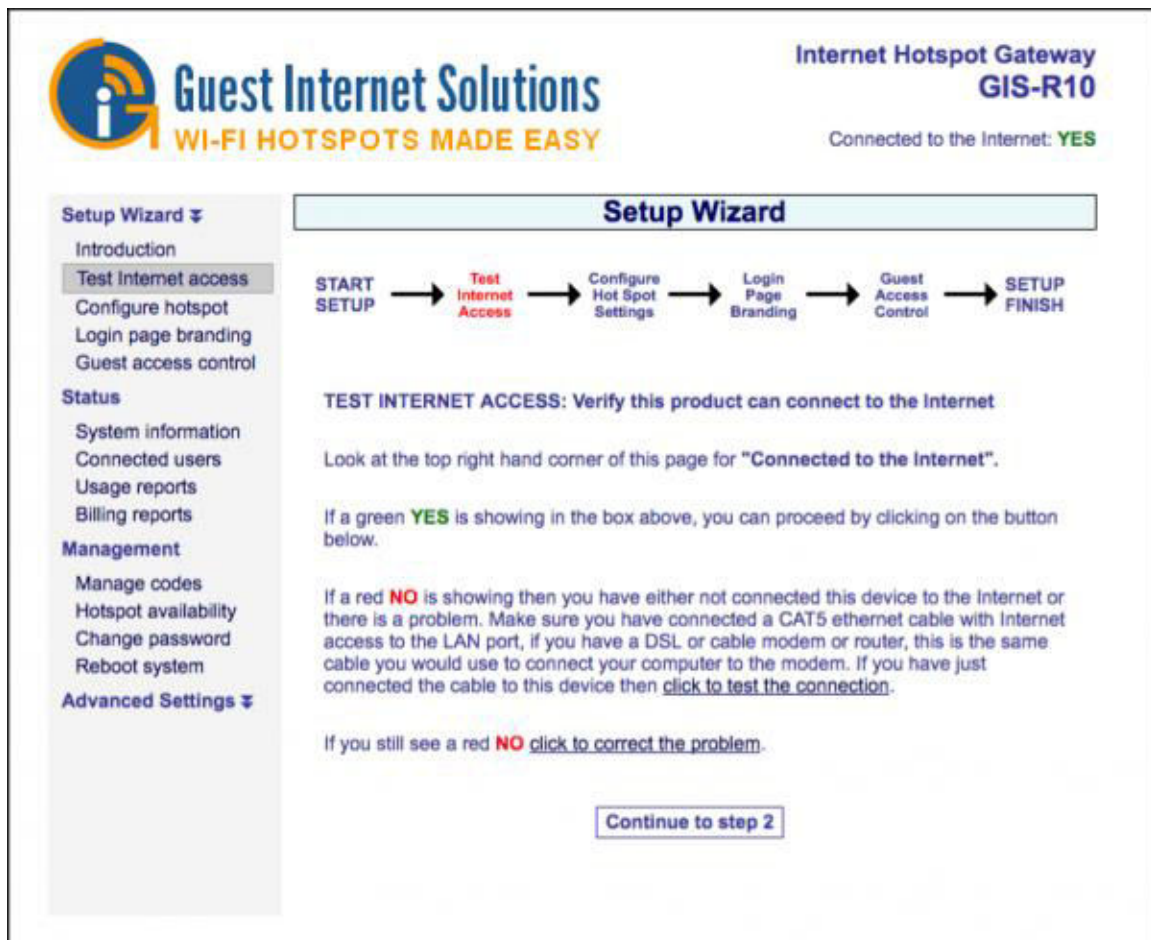
Step 1

The TEST INTERNET ACCESS setup page verifies that your Guest Internet gateway product is connected to the Internet. The setup process cannot be completed without an Internet connection.

To check if you have an internet connection look on the top right hand corner of the browser window:

You will see a green **YES** or a red **NO**.

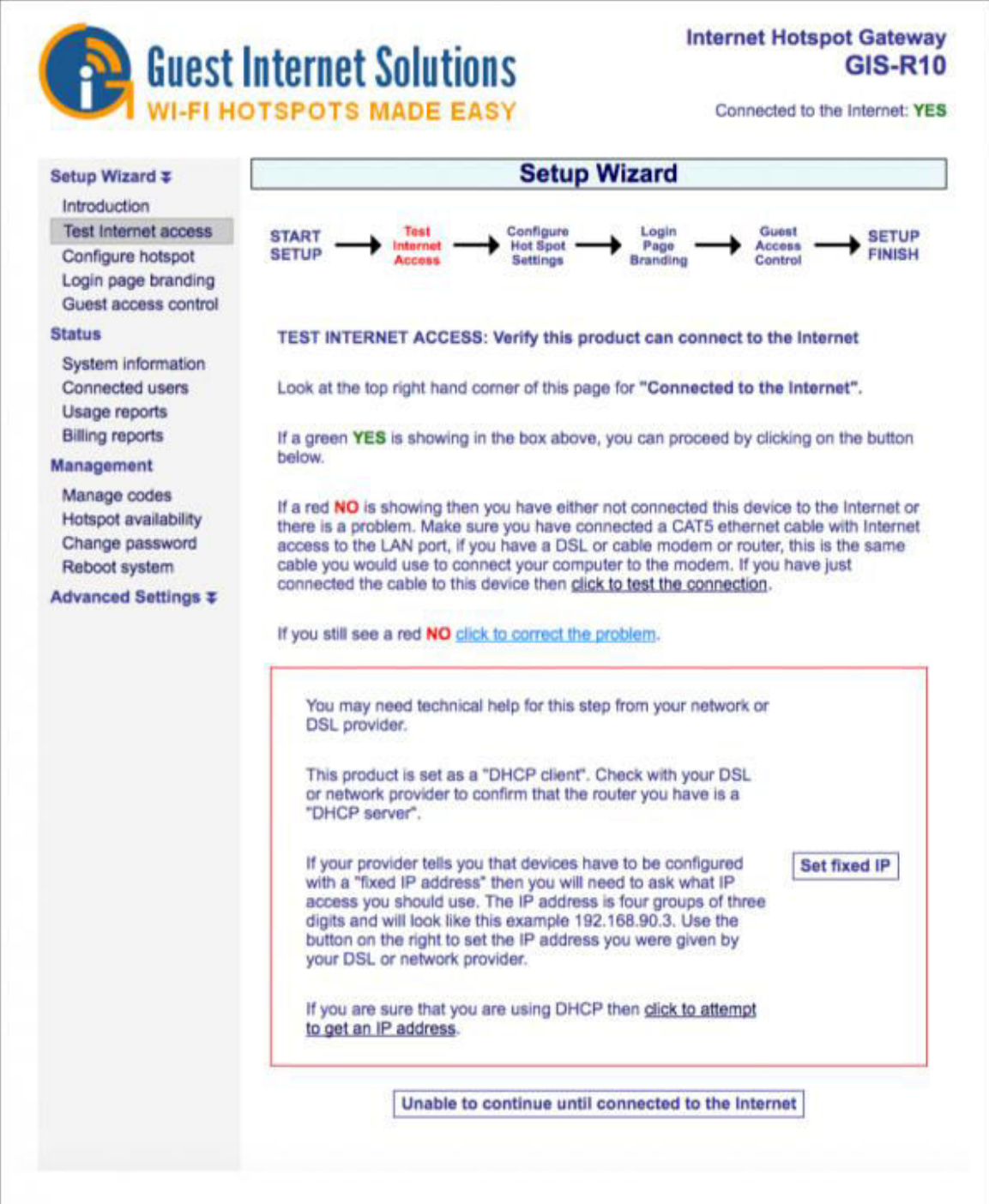
If you have a green **YES** then your product is connected to the Internet and you can proceed to the next page by clicking on the button 'Continue to Step 2'.



The screenshot displays the 'Internet Hotspot Gateway GIS-R10' setup interface. At the top right, it indicates 'Connected to the Internet: YES'. A 'Setup Wizard' progress bar shows the sequence: START SETUP → **Test Internet Access** (current step) → Configure Hot Spot Settings → Login Page Branding → Guest Access Control → SETUP FINISH. The left sidebar contains a 'Setup Wizard' menu with options like Introduction, Test Internet access (selected), Configure hotspot, Login page branding, Guest access control, Status, System information, Connected users, Usage reports, Billing reports, Management, Manage codes, Hotspot availability, Change password, Reboot system, and Advanced Settings. The main content area for 'TEST INTERNET ACCESS' instructs the user to verify internet connectivity by checking the top right corner for a 'Connected to the Internet' status. It provides instructions for both a green 'YES' (proceed) and a red 'NO' (troubleshoot connection). A 'Continue to step 2' button is located at the bottom.

If you see a red **NO** then you have a connection problem. To resolve try the following steps:

- First verify that your modem/router provides a good Internet connection by connecting a computer directly to the modem/router using an Ethernet cable.
- Next verify that the Guest Internet product is connected to modem/router and then click on 'click to test the Internet connection'.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R10

Connected to the Internet: **YES**

Setup Wizard

START SETUP → **Test Internet Access** → Configure Hot Spot Settings → Login Page Branding → Guest Access Control → SETUP FINISH

TEST INTERNET ACCESS: Verify this product can connect to the Internet

Look at the top right hand corner of this page for "Connected to the Internet".

If a green **YES** is showing in the box above, you can proceed by clicking on the button below.

If a red **NO** is showing then you have either not connected this device to the Internet or there is a problem. Make sure you have connected a CAT5 ethernet cable with Internet access to the LAN port, if you have a DSL or cable modem or router, this is the same cable you would use to connect your computer to the modem. If you have just connected the cable to this device then [click to test the connection](#).

If you still see a red **NO** [click to correct the problem](#).

You may need technical help for this step from your network or DSL provider.

This product is set as a "DHCP client". Check with your DSL or network provider to confirm that the router you have is a "DHCP server".

If your provider tells you that devices have to be configured with a "fixed IP address" then you will need to ask what IP address you should use. The IP address is four groups of three digits and will look like this example 192.168.90.3. Use the button on the right to set the IP address you were given by your DSL or network provider.

[Set fixed IP](#)

If you are sure that you are using DHCP then [click to attempt to get an IP address](#).

Unable to continue until connected to the Internet

- If the Internet status still shows a red **NO** then click on 'click to correct this problem'.
- Verify that your router is a 'DHCP server'. Click on the link 'click to attempt an IP address'. If you require a static IP address for your Internet connection you can do this by clicking 'click to correct the problem'.
- If you still have a red NO after trying the steps described please contact [Guest Internet support](#).

Step 2

The GIS-gateway synchronizes with Internet time and date to time access codes and provide the data and time for the usage log. It is necessary to first select the time zone for the gateway. Click on the arrow at the right of the box to see the drop down menu. Select your time zone from this list. The default time zone is US eastern time.

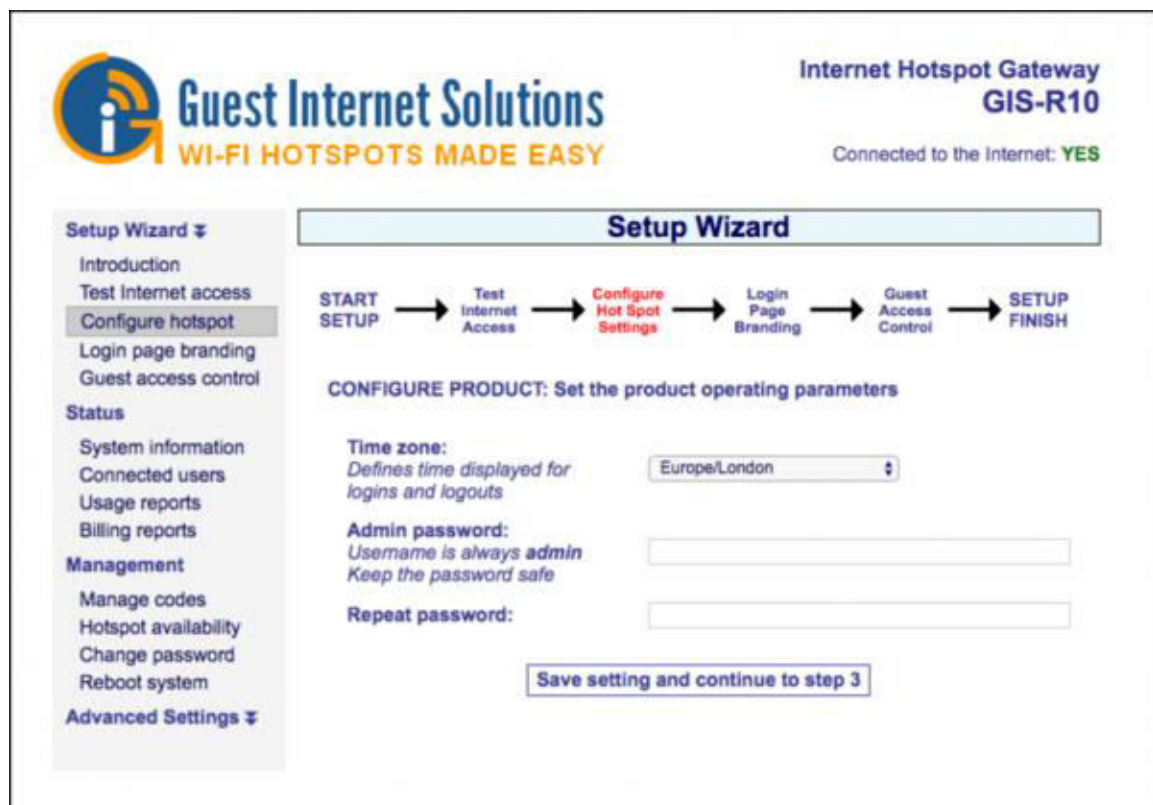
The GIS-gateway has no default administrator password. The administrator access password must be entered in the box.

Guest Internet products can only be operated when a unique password has been entered, following the recommendations of the Payment Card Industry Data Security Standard (PCI - DSS).

Create a 'strong' password using the following rules:

- The password should be at least 8 characters
- Don't use words that are in the dictionary
- Include capital letters, numbers and punctuation marks in the password.


When you have completed this step click on the button to proceed to step 3.



The screenshot shows the 'Setup Wizard' for the 'Internet Hotspot Gateway GIS-R10'. The status at the top right indicates 'Connected to the Internet: YES'. A progress bar shows the steps: START SETUP, Test Internet Access, **Configure Hot Spot Settings** (current step), Login Page Branding, Guest Access Control, and SETUP FINISH. The left sidebar contains a 'Setup Wizard' menu with options like Introduction, Test Internet access, **Configure hotspot**, Login page branding, Guest access control, Status, System information, Connected users, Usage reports, Billing reports, Management, Manage codes, Hotspot availability, Change password, Reboot system, and Advanced Settings. The main content area for 'CONFIGURE PRODUCT: Set the product operating parameters' includes a 'Time zone' dropdown menu set to 'Europe/London', an 'Admin password' field with a note 'Username is always admin. Keep the password safe', and a 'Repeat password' field. A 'Save setting and continue to step 3' button is at the bottom.

Step 3

The next step in the setup process is the creation of the login page. Your guests will see this page when they connect to your Internet service.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

**Internet Hotspot Gateway
GIS-R10**
 Connected to the Internet: **YES**

Setup Wizard

- Introduction
- Test Internet access
- Configure hotspot
- Login page branding**
- Guest access control

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings

Setup Wizard

START SETUP → Test Internet Access → Configure Hot Spot Settings → **Login Page Branding** → Guest Access Control → SETUP FINISH

LOGIN PAGE BRANDING: Generate the login page used by customers

Set login page background:

☐ Business center

☐ Church

☒ Coffee bar

☐ Conference

☐ Hotel

☐ Library

☐ Marina

☐ Motel

☐ Pool area

☐ Sports bar

☐ Resort

☐ Restaurant

☐ Custom background image (Uploaded via Login Settings Page)

A custom background image or login page can be added via the advanced login settings page after setup.

Enter business information to present to customers:

Business Name:

Business Address:

Business City:

Business State:

Business Zip:

Business Phone:

Business Email:

Business Web Site:

Enter advertisement message: Leave blank if no message is required.

Customers will see this when they log in:

Page title:

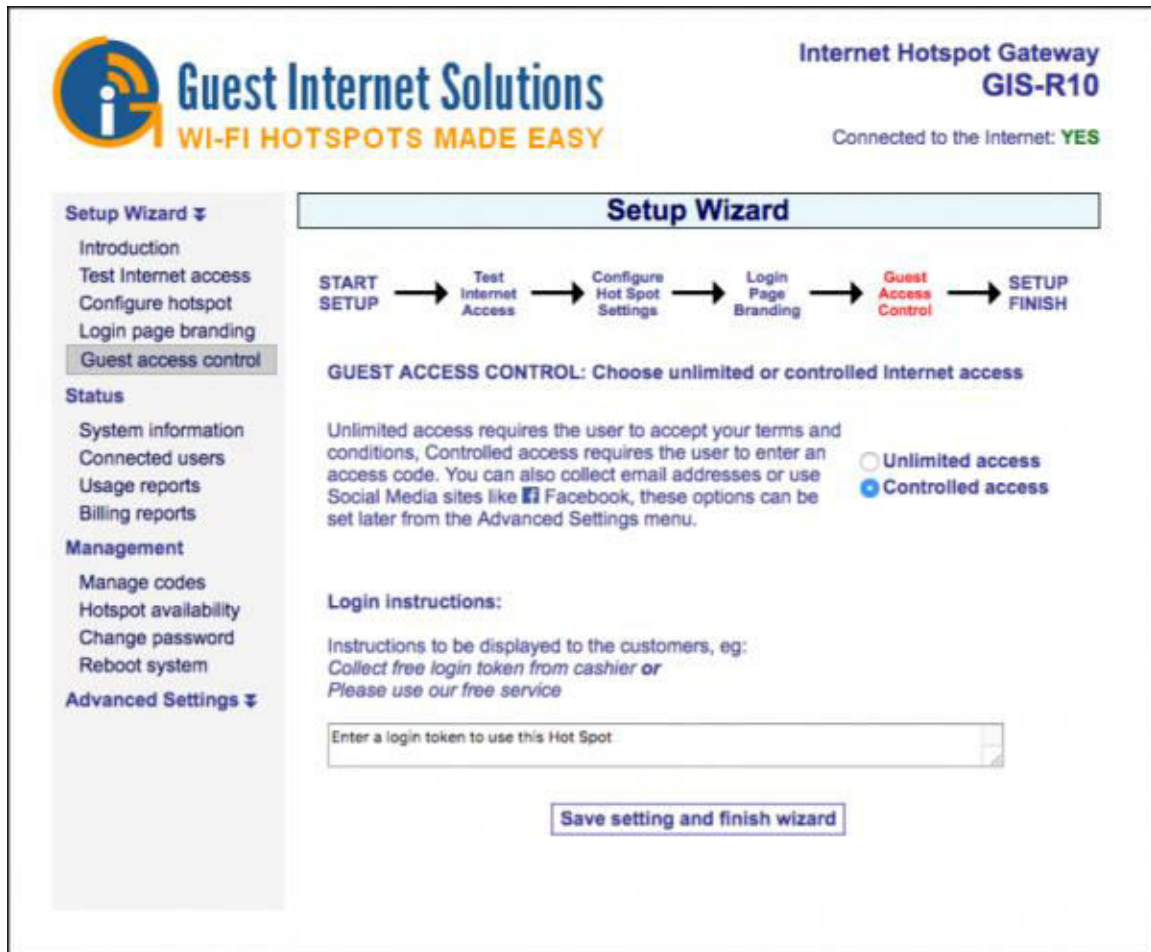
Save setting and continue to step 4

You can use one of our twelve Login pages, upload an image with your branding for the background or create a new Login page with HTML, CSS and JavaScript.

The types of Login Page are explained in details in the [Custom Login Pages](#) section.

Step 4

The next step is to select the type of access control you require.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard

START SETUP → Test Internet Access → Configure Hot Spot Settings → Login Page Branding → **Guest Access Control** → SETUP FINISH

GUEST ACCESS CONTROL: Choose unlimited or controlled internet access

Unlimited access requires the user to accept your terms and conditions, Controlled access requires the user to enter an access code. You can also collect email addresses or use Social Media sites like Facebook, these options can be set later from the Advanced Settings menu.

☐ Unlimited access
☒ **Controlled access**

Login instructions:

Instructions to be displayed to the customers, eg:
*Collect free login token from cashier or
Please use our free service*

Enter a login token to use this Hot Spot

Save setting and finish wizard

You have two options.

1. Unlimited access: The guest sees the login page and has to click on the disclaimer button to get Internet access.
2. Controlled Access: The guest has to type in an access code. The code is generated using the [manage codes](#) menu option and can be given or sold to the guest.

The choice you make here is determined by the way that you want to offer your Internet service for your guests. You can read more about Login Page Type by clicking [here](#).

It is also necessary to type a message that tells your customer how to proceed to get Internet access. Explained in [Login Messages](#).

When completed click on the *save settings and finish wizard* button, you then need to *reboot* the Guest Internet gateway unit.

This will restart the gateway unit with all the parameters that were entered during the setup process.



When the setup process is completed your personalized wireless Internet service will be ready for your guests to start using.

Admin Interface

This section will guide you through all of the setup options and various configurations supported within the Guest Internet Products Admin console.

The Admin console on the GIS unit is broken up into 3 main sections:

- Status
- Management
- Advanced

Within the Status section you are able to view the current activity of the unit and the users connected.

Within the management section you can modify the core settings of the GIS unit as well as create access codes for guest users.

The advanced section consists of the remaining configuration options of the GIS unit; these options give a lot of control to the GIS unit but are unlikely to be changed very often and are more technically complex.

Status

The Status section shows information on the status of the product:

[System Information](#)

[Connected Users](#)


[Usage Reports](#)

[Billing Reports](#)

System Information

The System Information section displays:

- Uptime - The time since the unit was rebooted
- [Hostname](#)
- Current date and time and timezone
- Firmware version (required for [Firmware Upgrades](#))
- Serial number (required for [Firmware Upgrades](#) and [Cloud Management](#))
- Verification that the device is connected to the Internet
- Authenticated users and [Codes](#) used
- WAN and LAN port network configurations
- Status of [Firewall](#), [Content Filter](#), remote access and [Dynamic DNS](#)
- Information text box for configuration notes

 **Guest Internet Solutions**
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
Connected to the Internet: **YES**

Setup Wizard ▾
Status
System information
Connected users
Usage reports
Billing reports
Management
Manage codes
Hotspot availability
Change password
Reboot system
Advanced Settings ▾

System Information
Uptime: 05h 07m 00s
Hostname: aplogin.com
Date / time: 04/13/15 03:42:45 PM
Timezone: Europe/London
Firmware version: 2.4.4x
Serial Number: 2XXXXXX4

Hotspot enabled: **YES** [\[View Schedule\]](#)
Authenticated users: 1
Codes used: 5

WAN1 IP address: ● 192.168.2.105 (dhcp)
WAN2 IP address: ● 192.168.1.3 (dhcp)

LAN1 IP address: 192.168.96.1
LAN1 DHCP range: 192.168.96.10 - 192.168.111.254

Firewall: Enabled
Content filter: Disabled
Remote access: Disabled
Dynamic DNS: Disabled

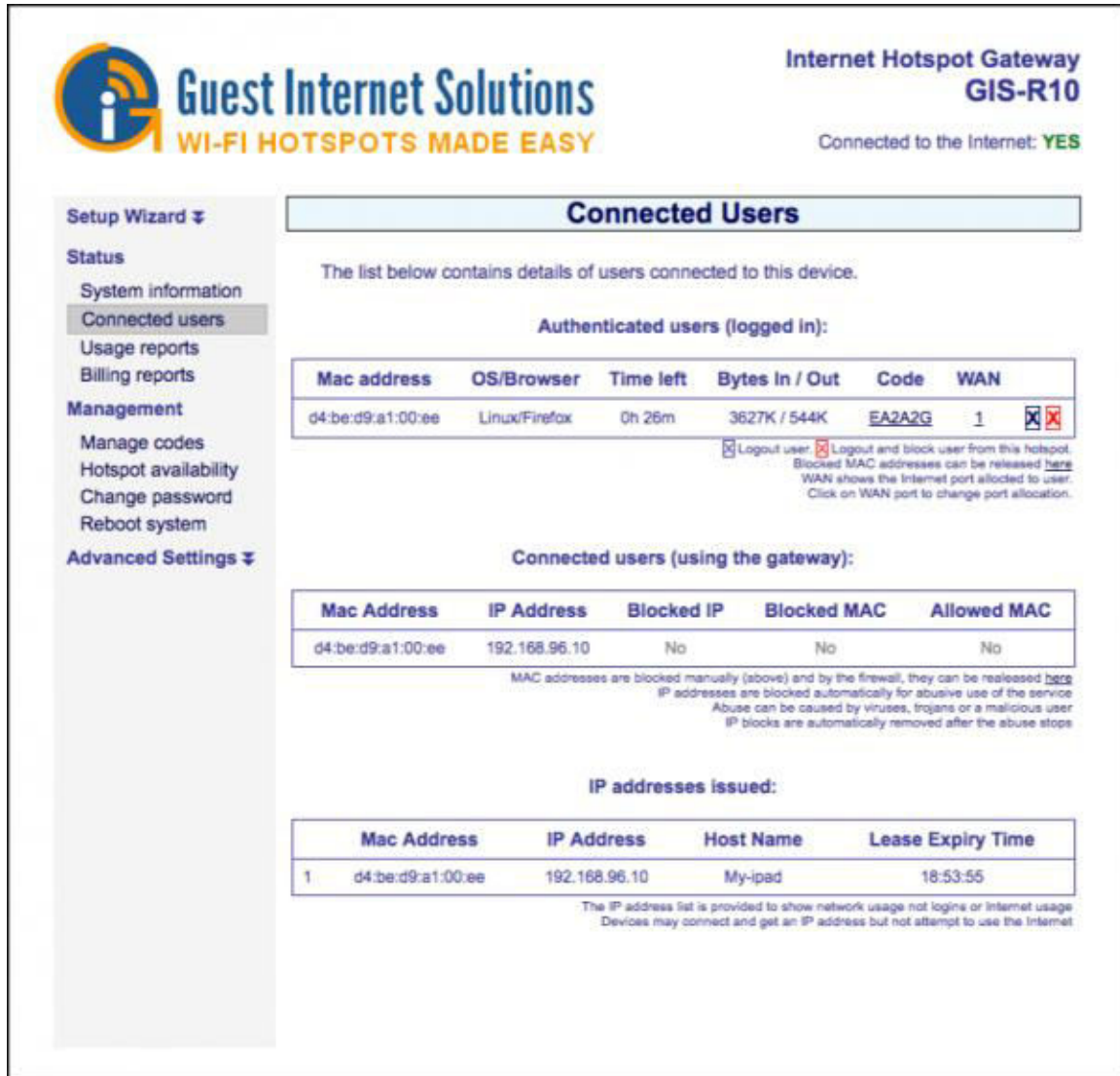
Notes: (Private information about this device)

Save

Connected Users

There are three "boxes" on the Connected Users section.

1. Authenticated users (logged in): shows all the guests that have provided a valid access code ([controlled access mode](#)) or clicked on the disclaimer agreement button ([unlimited access mode](#)).
2. Connected users (using the gateway): lists all the computers that are connected to the gateway unit: they have requested and obtained an IP address.
3. IP addresses issued: this list is provided to show network usage not logins or Internet usage. Devices may connect and get an IP address but not attempt to use the Internet.



The screenshot shows the 'Connected Users' section of the Guest Internet Solutions web interface. The interface includes a sidebar with navigation options like 'Setup Wizard', 'Status', 'System information', 'Connected users', 'Usage reports', 'Billing reports', 'Management', 'Manage codes', 'Hotspot availability', 'Change password', 'Reboot system', and 'Advanced Settings'. The main content area is titled 'Connected Users' and contains three sections:

Authenticated users (logged in):

Mac address	OS/Browser	Time left	Bytes In / Out	Code	WAN
d4:be:d9:a1:00:ee	Linux/Firefox	0h 26m	3627K / 544K	EA2A2G	1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

☒ Logout user. ☒ Logout and block user from this hotspot.
 Blocked MAC addresses can be released [here](#).
 WAN shows the Internet port allocated to user.
 Click on WAN port to change port allocation.

Connected users (using the gateway):

Mac Address	IP Address	Blocked IP	Blocked MAC	Allowed MAC
d4:be:d9:a1:00:ee	192.168.96.10	No	No	No

MAC addresses are blocked manually (above) and by the firewall, they can be released [here](#).
 IP addresses are blocked automatically for abusive use of the service.
 Abuse can be caused by viruses, trojans or a malicious user.
 IP blocks are automatically removed after the abuse stops.

IP addresses issued:

	Mac Address	IP Address	Host Name	Lease Expiry Time
1	d4:be:d9:a1:00:ee	192.168.96.10	My-ipad	18:53:55

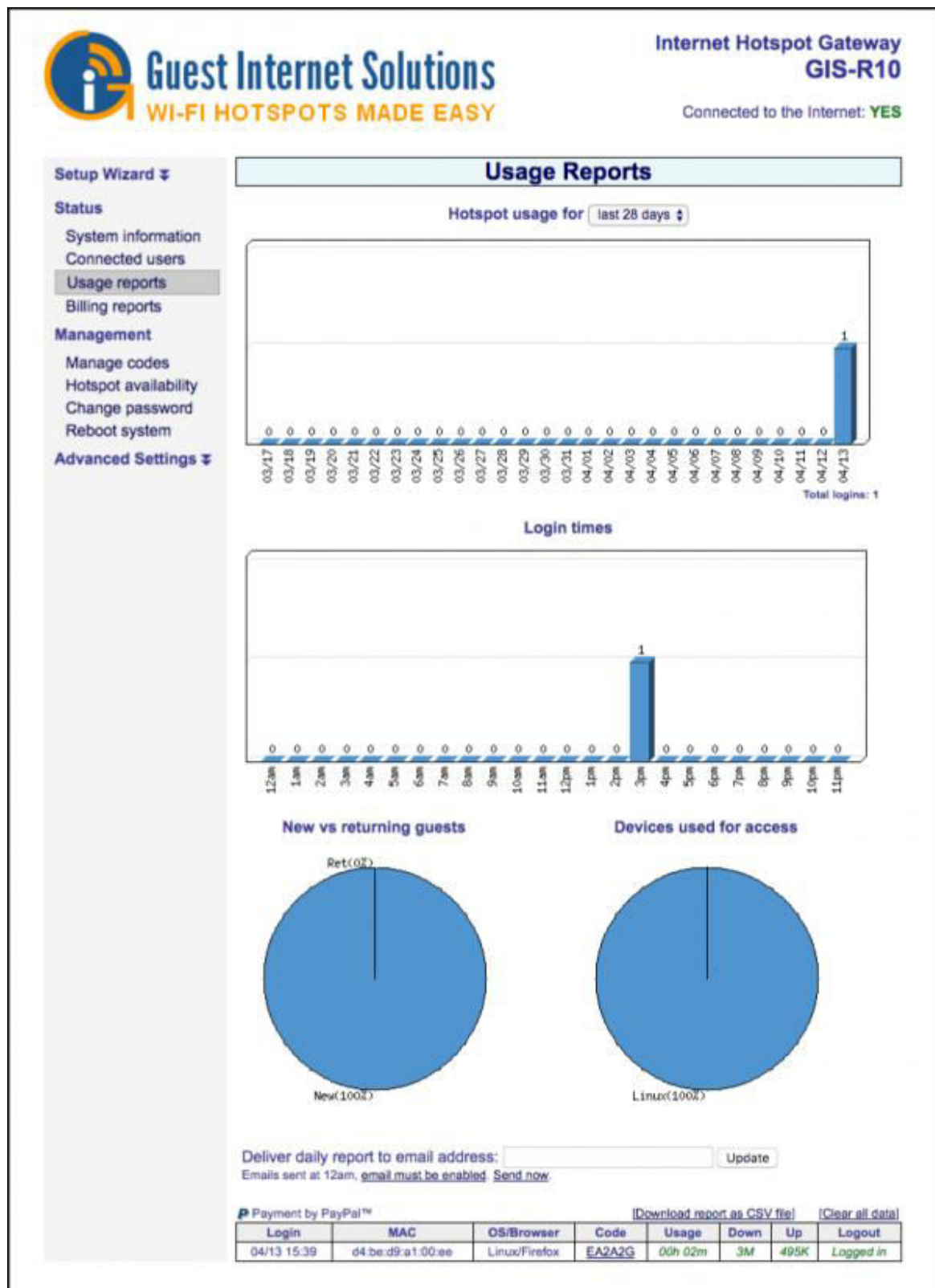
The IP address list is provided to show network usage not logins or Internet usage.
 Devices may connect and get an IP address but not attempt to use the Internet.

In the authenticated users box, if you click on the blue 'X' in the right hand column will disconnect that authenticated user.

If you click on the red 'X' in the right hand column will disconnect that user, and include the users computer MAC address in the [blocked MAC list](#), preventing the user accessing the Internet.

Usage Reports

Usage reports displays and stores the last 10,000 entries. The number of users per day is shown on the top graph that can extend up to 28 days in duration.



The data table has seven parameters for each entry: Login time;

- MAC address;
- Access code used;
- Time connected;
- Downloaded data volume;
- Uploaded data volume;
- Logout reasons.

The usage data can be downloaded in a [CSV](#) format and loaded into a spreadsheet program for further analysis.

Logout Reasons

Logout	Reason
-	Unknown logout reason
User	User logged out (logout button)
Time Up	Login time expired
Inactivity	User disconnected from the network or turned computer off
Forced	User was logged out by admin on connected users page or settings were changed
Banned	User was banned by admin from connected users page
Disabled	Hotspot entered disabled mode (see hotspot availability schedule)
Banned/P2P	User was blocked for using Peer-to-peer software
Duplicate	There was a duplicate MAC address or IP address on the network
Reboot	The hotspot was rebooted
Over limit	User exceeded upload or download data limit

Billing Reports

The GIS gateway stores a transaction report summary in the section Billing Report. This report can be downloaded in [CSV](#) format and loaded into a spreadsheet program.



The screenshot shows the 'PayPal™ Billing Reports' section of the Guest Internet Solutions web interface. The interface includes a sidebar with navigation links: Setup Wizard, Status, System information, Connected users, Usage reports, Billing reports (selected), Management, Manage codes, Hotspot availability, Change password, Reboot system, and Advanced Settings. The main content area displays the following information:

PayPal™ Billing Reports

\$1.00	\$0.00	\$1.00	\$0.00	
Today (so far)	Yesterday	This month (so far)	Last month	
Deliver daily report to email address: <input type="text"/> <input type="button" value="Update"/> Emails sent at 12am, email must be enabled. Send now.				
(Download report as CSV file)				
Date / Time	Value	Code	Transaction ID	First Login
05/08/2017 12:16	\$1.00	F27WMP	5H505670W9602661P	06/05/2017 12:16

For more information on the billing feature click [here](#).

Management

Management functions are used to administer your Guest Internet unit:

[Access Code Management](#)

[Hotspot Availability](#)

[Change Password](#)

[Reboot](#)

Access Code Management

You decide who can access your Internet service by giving codes only to guests that you authorize. You can also sell codes to guests and provide wireless Internet as a paid service.

Access Code Management is divided in three:

[Login Code Type](#)

[Code Management](#)

[Codes Page](#)

Login Code Type

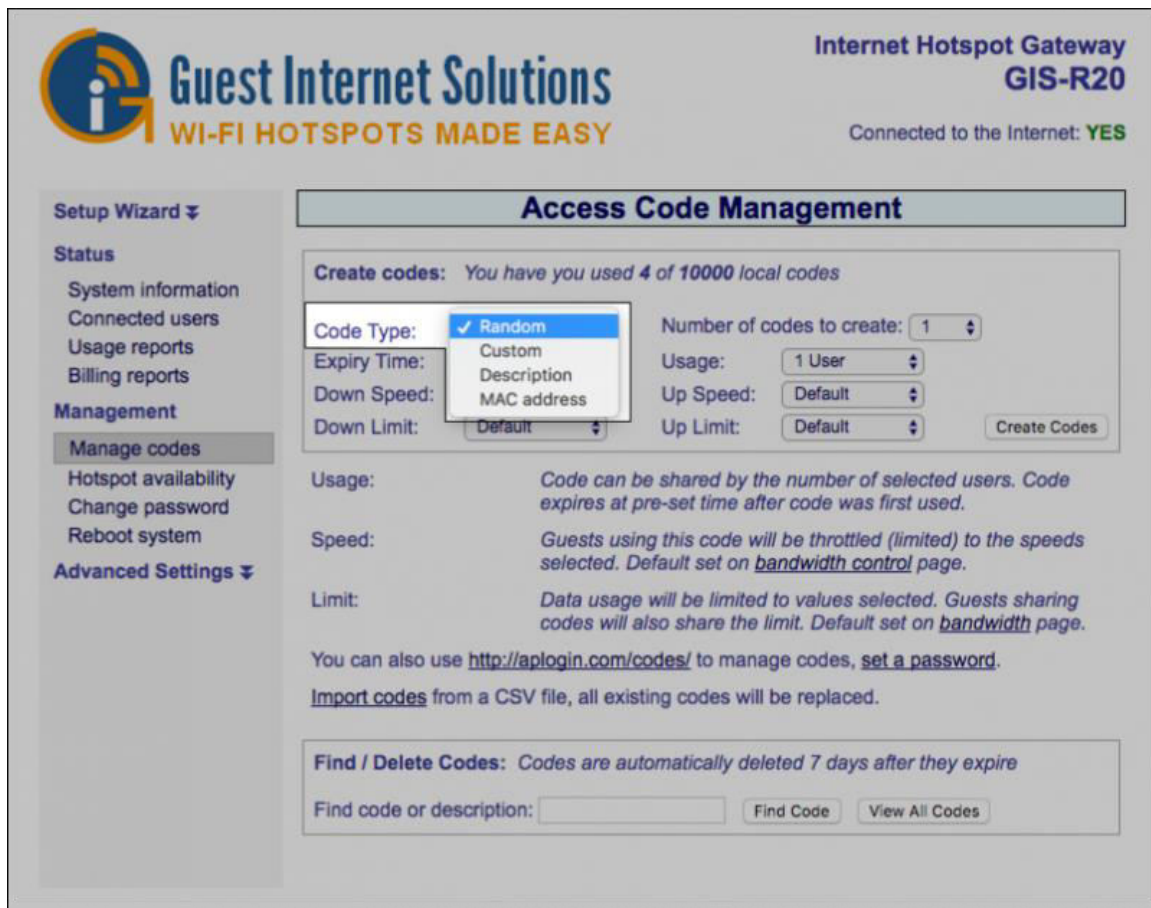
There are four Login Code Types:

[Random](#)

[Custom](#)

[Description](#)

[MAC Address](#)



The screenshot shows the 'Access Code Management' page of the Guest Internet Solutions web interface. The page header includes the logo and 'Internet Hotspot Gateway GIS-R20'. A status bar indicates 'Connected to the Internet: YES'. The left sidebar contains navigation links: Setup Wizard, Status, System information, Connected users, Usage reports, Billing reports, Management (with 'Manage codes' selected), Hotspot availability, Change password, Reboot system, and Advanced Settings. The main content area is titled 'Access Code Management' and displays 'Create codes: You have you used 4 of 10000 local codes'. It features a 'Code Type' dropdown menu with options: Random (selected), Custom, Description, and MAC address. Other settings include 'Number of codes to create: 1', 'Usage: 1 User', 'Down Speed: Default', 'Up Speed: Default', 'Down Limit: Default', and 'Up Limit: Default'. A 'Create Codes' button is present. Below these settings, there are three sections: 'Usage' (Code can be shared by the number of selected users. Code expires at pre-set time after code was first used.), 'Speed' (Guests using this code will be throttled (limited) to the speeds selected. Default set on bandwidth control page.), and 'Limit' (Data usage will be limited to values selected. Guests sharing codes will also share the limit. Default set on bandwidth page.). A note states: 'You can also use <http://aplogin.com/codes/> to manage codes, [set a password](#). [Import codes](#) from a CSV file, all existing codes will be replaced.' At the bottom, there is a 'Find / Delete Codes' section with the text 'Codes are automatically deleted 7 days after they expire' and a search bar with 'Find code or description:' and buttons for 'Find Code' and 'View All Codes'.

Random

When the Random Login Code Type is selected, the unit will automatically generate a unique 6 character code.

Create codes: *You have you used 5 of 10000 local codes*

Code Type: Random

Number of codes to create: 1

Expiry Time: 30 mins

Usage: 1 User

Down Speed: Default

Up Speed: Default

Down Limit: Default

Up Limit: Default

Create Codes

New Codes:

#	Code	Desc	Time	Users	Dn Speed	Up Speed	Dn Limit	Up Limit
1	74HWJD		30 m	1	default	default	default	default

Download CSV file

Custom

When the Custom Login Code Type is selected, you can create your code(the length limit is 10 characters).

Create codes: *You have you used 6 of 10000 local codes*

Code Type: Custom

Code (No spaces): CustomCode2

Expiry Time: 30 mins

Usage: 1 User

Down Speed: Default

Up Speed: Default

Down Limit: Default

Up Limit: Default

Create Codes

New Codes:

#	Code	Desc	Time	Users	Dn Speed	Up Speed	Dn Limit	Up Limit
1	CUSTOMCODE		30 m	1	default	default	default	default

Download CSV file

Description

When the Description Login Code Type is selected, you can write a description for a randomly generated code.

Create codes: *You have you used 7 of 10000 local codes*

Code Type: Description:

Expiry Time: Usage:

Down Speed: Up Speed:

Down Limit: Up Limit:

New Codes:

#	Code	Desc	Time	Users	Dn Speed	Up Speed	Dn Limit	Up Limit
1	PLBDA2	Description for code	30 m	1	default	default	default	default

When the MAC Login Code Type is selected, you can manually enter a devices MAC address. This device will then automatically be allowed on the Internet once connected.

Create codes: *You have you used 7 of 10000 local codes*

Code Type: MAC address:
 Description:

Expiry Time: Usage:

Down Speed: Up Speed:

Down Limit: Up Limit:

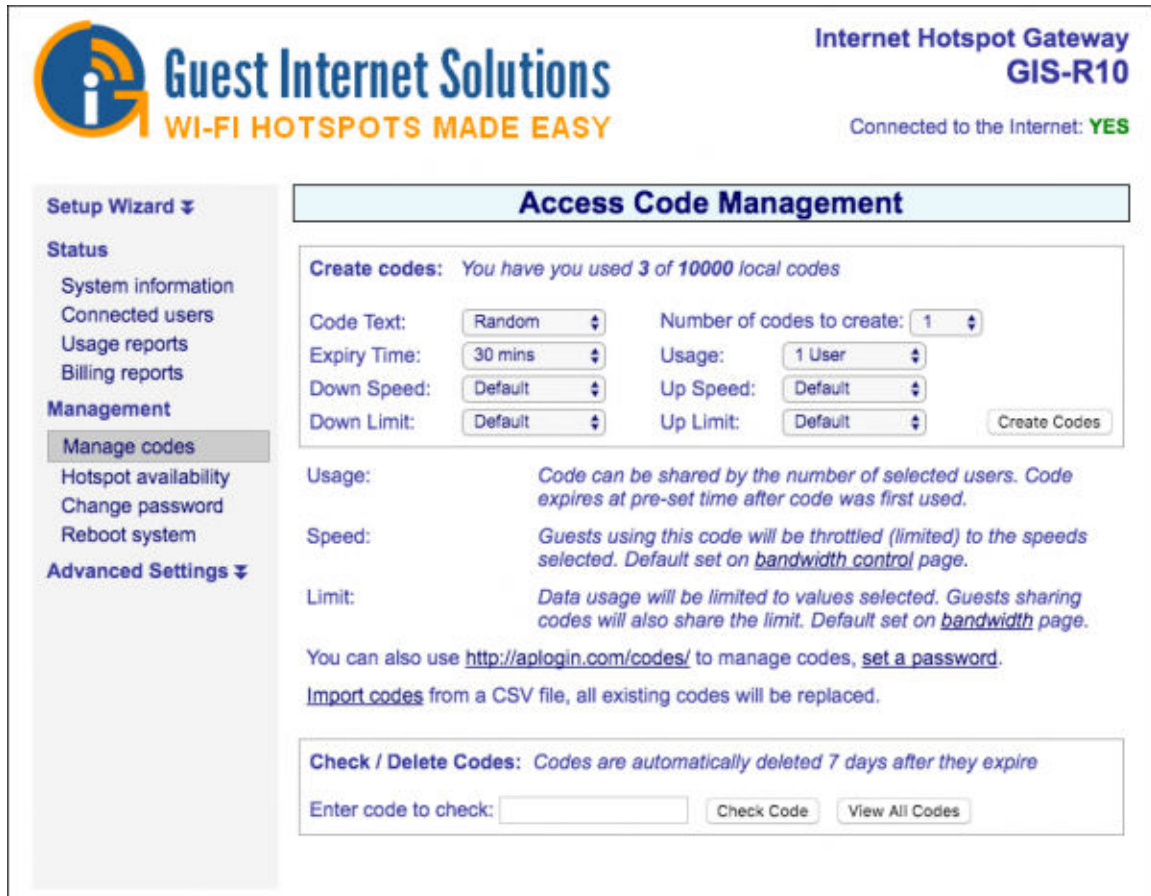
New Codes:

#	Code	Desc	Time	Users	Dn Speed	Up Speed	Dn Limit	Up Limit
1	D4:BE:D9:A1:00:EE	MAC ADDRESS	30 m	1	default	default	default	default

Code Management

While an Access code is being created, you can set [Limits](#) to each code or all of them.

After the creation of the code, you have an easy way to [find and/or delete](#) codes, you can also download/upload a list with all the codes in [CSV](#).



The screenshot displays the 'Access Code Management' page of the Guest Internet Solutions web interface. The interface includes a sidebar with navigation options: Setup Wizard, Status, Management, and Advanced Settings. The 'Management' section is active, showing 'Manage codes' as the selected option. The main content area is titled 'Access Code Management' and features a 'Create codes' section with a status message: 'You have you used 3 of 10000 local codes'. Below this, there are input fields for 'Code Text' (set to 'Random'), 'Expiry Time' (set to '30 mins'), 'Down Speed' (set to 'Default'), 'Down Limit' (set to 'Default'), 'Number of codes to create' (set to '1'), 'Usage' (set to '1 User'), 'Up Speed' (set to 'Default'), and 'Up Limit' (set to 'Default'). A 'Create Codes' button is located to the right of these fields. Below the input fields, there are three sections: 'Usage' (Code can be shared by the number of selected users. Code expires at pre-set time after code was first used.), 'Speed' (Guests using this code will be throttled (limited) to the speeds selected. Default set on bandwidth control page.), and 'Limit' (Data usage will be limited to values selected. Guests sharing codes will also share the limit. Default set on bandwidth page.). A note states: 'You can also use <http://aplogin.com/codes/> to manage codes, [set a password](#). [Import codes](#) from a CSV file, all existing codes will be replaced.' At the bottom, there is a 'Check / Delete Codes' section with a status message: 'Codes are automatically deleted 7 days after they expire'. It includes an 'Enter code to check:' input field, a 'Check Code' button, and a 'View All Codes' button.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Access Code Management

Create codes: You have you used 3 of 10000 local codes

Code Text: Random Number of codes to create: 1
Expiry Time: 30 mins Usage: 1 User
Down Speed: Default Up Speed: Default
Down Limit: Default Up Limit: Default **Create Codes**

Usage: Code can be shared by the number of selected users. Code expires at pre-set time after code was first used.

Speed: Guests using this code will be throttled (limited) to the speeds selected. Default set on [bandwidth control](#) page.

Limit: Data usage will be limited to values selected. Guests sharing codes will also share the limit. Default set on [bandwidth](#) page.

You can also use <http://aplogin.com/codes/> to manage codes, [set a password](#).
[Import codes](#) from a CSV file, all existing codes will be replaced.


Check / Delete Codes: Codes are automatically deleted 7 days after they expire

Enter code to check: **Check Code** **View All Codes**

Find/Delete Codes

If you want to delete a code that is not in use any more or manage the codes being used (check the [limits](#) a user still have available), at the end of the "Manage Codes" section, there is a box "Find/Delete Codes".

You can click "View All Codes" to check all the codes being used, or type the code you want to check and click "Find Code".


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20
 Connected to the Internet: **YES**

Setup Wizard ▾
Status
 System information
 Connected users
 Usage reports
 Billing reports
Management
 Manage codes
 Hotspot availability
 Change password
 Reboot system
Advanced Settings ▾

Access Code Management

Create codes: You have you used 4 of 10000 local codes
 Code Type: Random ▾ Number of codes to create: 1 ▾
 Expiry Time: 30 mins ▾ Usage: 1 User ▾
 Down Speed: Default ▾ Up Speed: Default ▾
 Down Limit: Default ▾ Up Limit: Default ▾ [Create Codes](#)

Find / Delete Codes: Codes are automatically deleted 7 days after they expire
 Find code or description: [Find Code](#) [View All Codes](#)

<input type="checkbox"/>	Code	Desc	Time	Users	Used	Left	Down kbit/s	Up kbit/s	Down MB	Up MB	Down Used	Up Used
<input type="checkbox"/>	ARMEG1	Room Number 1	7 d	1	NO	7 d	*	*	*	*	0	0
<input type="checkbox"/>	B9L9WN		30 m	1	NO	30 m	*	*	*	*	0	0
<input type="checkbox"/>	D4-BE-D9-A1-00-EE		1 y	1	NO	1 y	*	*	*	*	0	0
<input type="checkbox"/>	ROOM7		12 h	1	NO	12 h	*	*	*	*	0	0

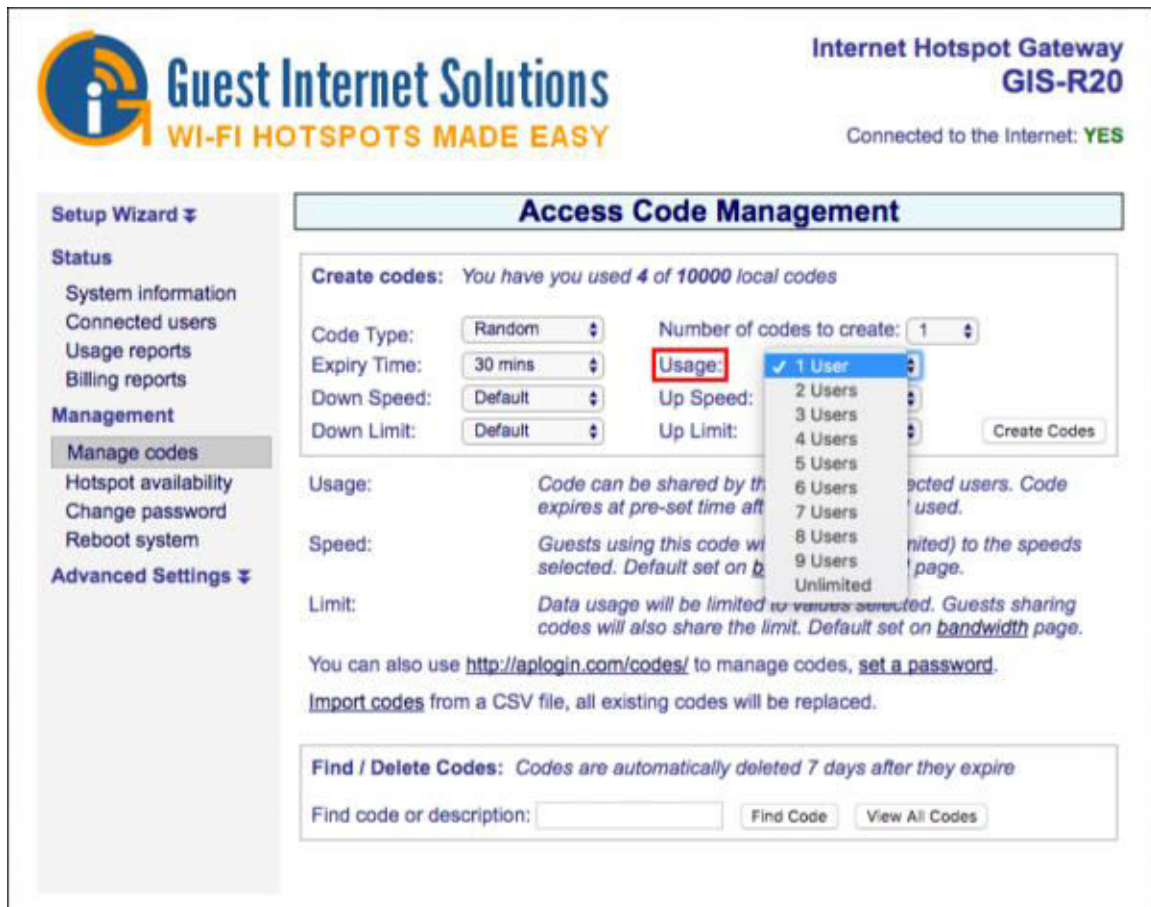
[Delete checked](#)
[Download CSV file](#)
* Default limit (kbit/s)

Code Limits

There are 4 limits that can be established for the codes you create:

Usage

The "usage" option limits how many users can have Internet access using the same code.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20

Connected to the Internet: YES

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random Number of codes to create: 1

Expiry Time: 30 mins Usage: 1 User

Down Speed: Default Up Speed: Default

Down Limit: Default Up Limit: Default

Usage: Code can be shared by the selected users. Code expires at pre-set time after the last user is used.

Speed: Guests using this code will be limited (up to the speeds selected). Default set on bandwidth page.

Limit: Data usage will be limited to values selected. Guests sharing codes will also share the limit. Default set on bandwidth page.

You can also use <http://aplogin.com/codes/> to manage codes, [set a password](#).

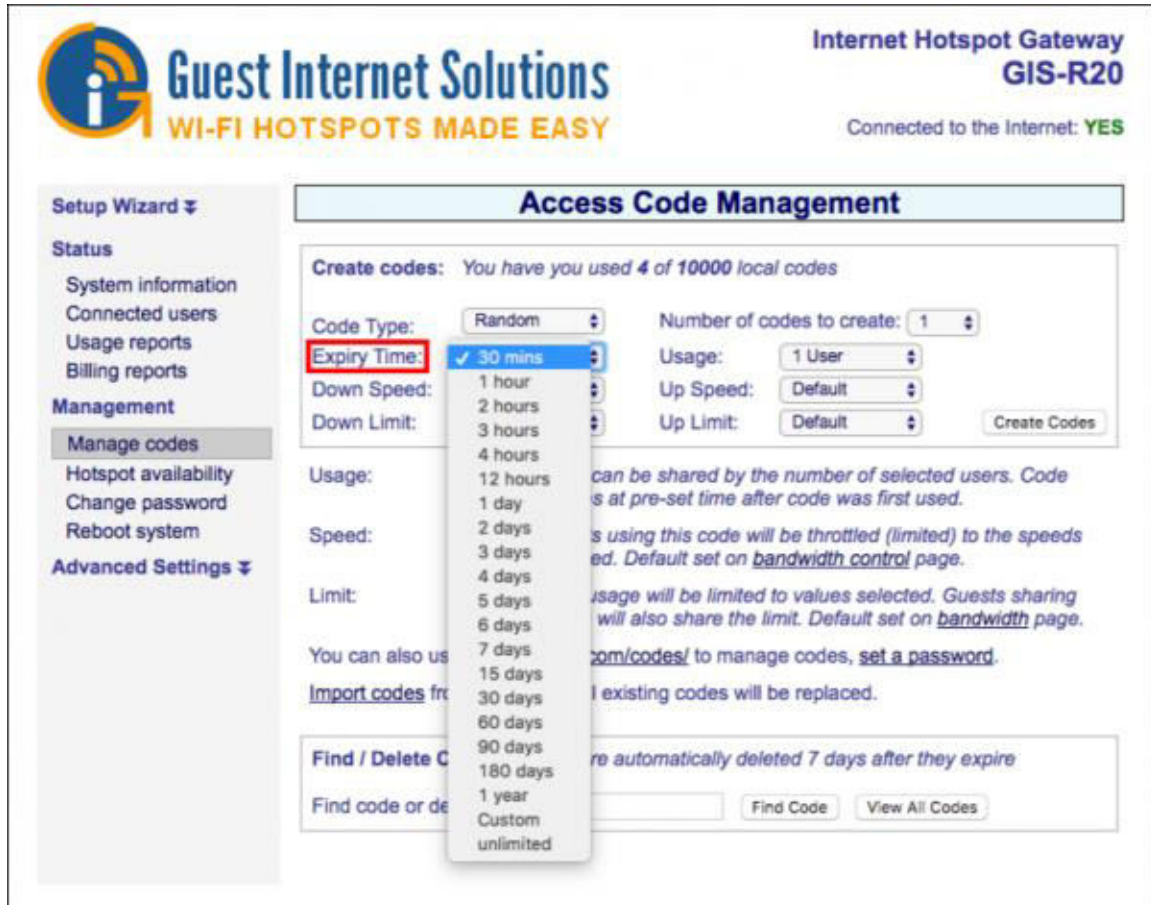
[Import codes](#) from a CSV file, all existing codes will be replaced.

Find / Delete Codes: Codes are automatically deleted 7 days after they expire

Find code or description: Find Code View All Codes

Time

The "Expire Time" option limits how the user(s) will have Internet access using a code. Different codes can have different time limit.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20

Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes**
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random Number of codes to create: 1

Expiry Time: 30 mins

Down Speed: 1 hour

Down Limit: 2 hours

Usage: 12 hours

Speed: 1 day

Limit: 2 days

You can also use 3 days

[Import codes from file](#)

Find / Delete Codes

Find code or delete code

Find Code View All Codes

Usage: 1 User

Up Speed: Default

Up Limit: Default

Create Codes

can be shared by the number of selected users. Code expires at pre-set time after code was first used.

Users using this code will be throttled (limited) to the speeds selected. Default set on [bandwidth control](#) page.

Usage will be limited to values selected. Guests sharing will also share the limit. Default set on [bandwidth](#) page.

[com/codes/](#) to manage codes, [set a password](#).

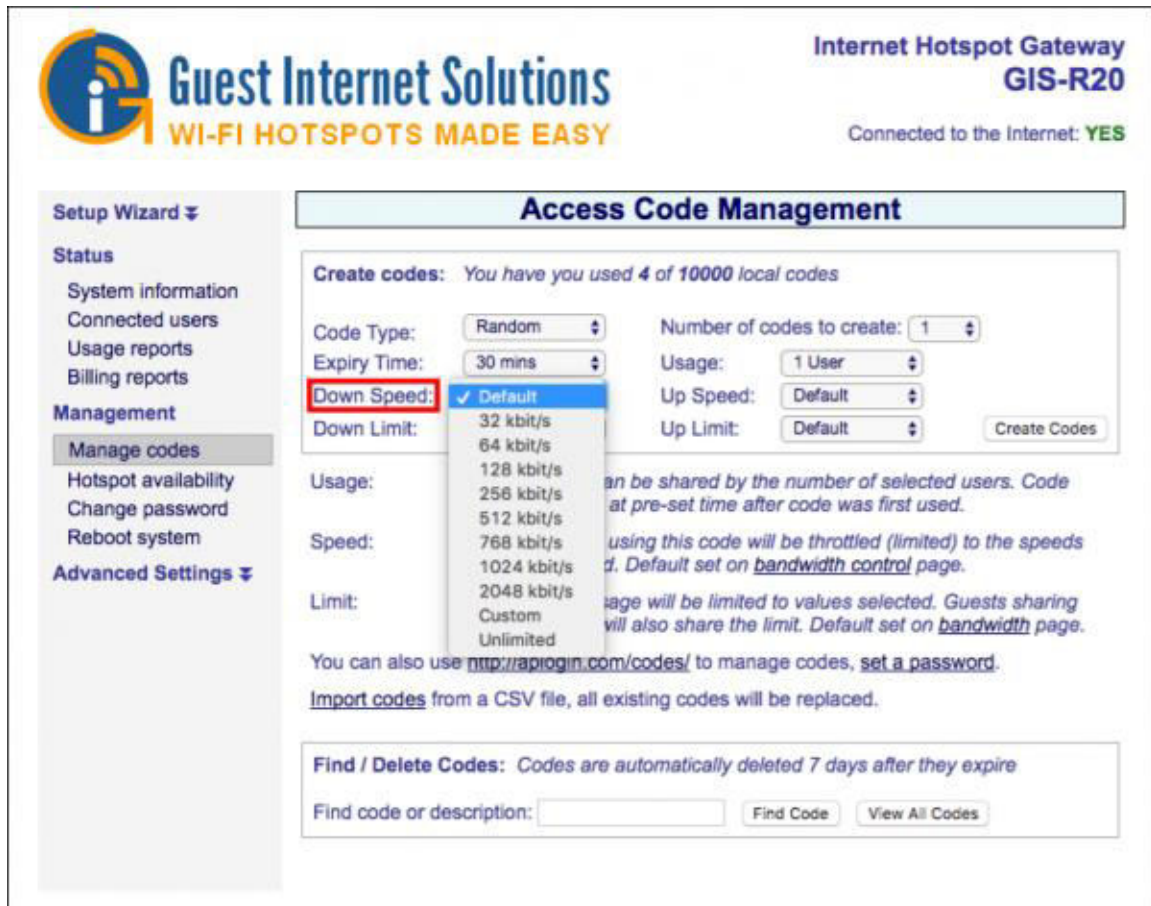
existing codes will be replaced.

are automatically deleted 7 days after they expire

Speed

"Down Speed" and "Up Speed" options, guests using this code will be throttled (limited) to the speeds selected. Default set on [bandwidth control page](#).

Down Speed: maximum download Internet speed



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20

Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes**
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random ▾ Number of codes to create: 1 ▾

Expiry Time: 30 mins ▾ Usage: 1 User ▾

Down Speed: ▾ Up Speed: Default ▾

Down Limit: 32 kbit/s Up Limit: Default ▾ [Create Codes](#)

Usage: 128 kbit/s

Speed: 256 kbit/s

Limit: 512 kbit/s

1024 kbit/s

2048 kbit/s

Custom

Unlimited

can be shared by the number of selected users. Code at pre-set time after code was first used.

using this code will be throttled (limited) to the speeds d. Default set on [bandwidth control page](#).

age will be limited to values selected. Guests sharing will also share the limit. Default set on [bandwidth page](#).

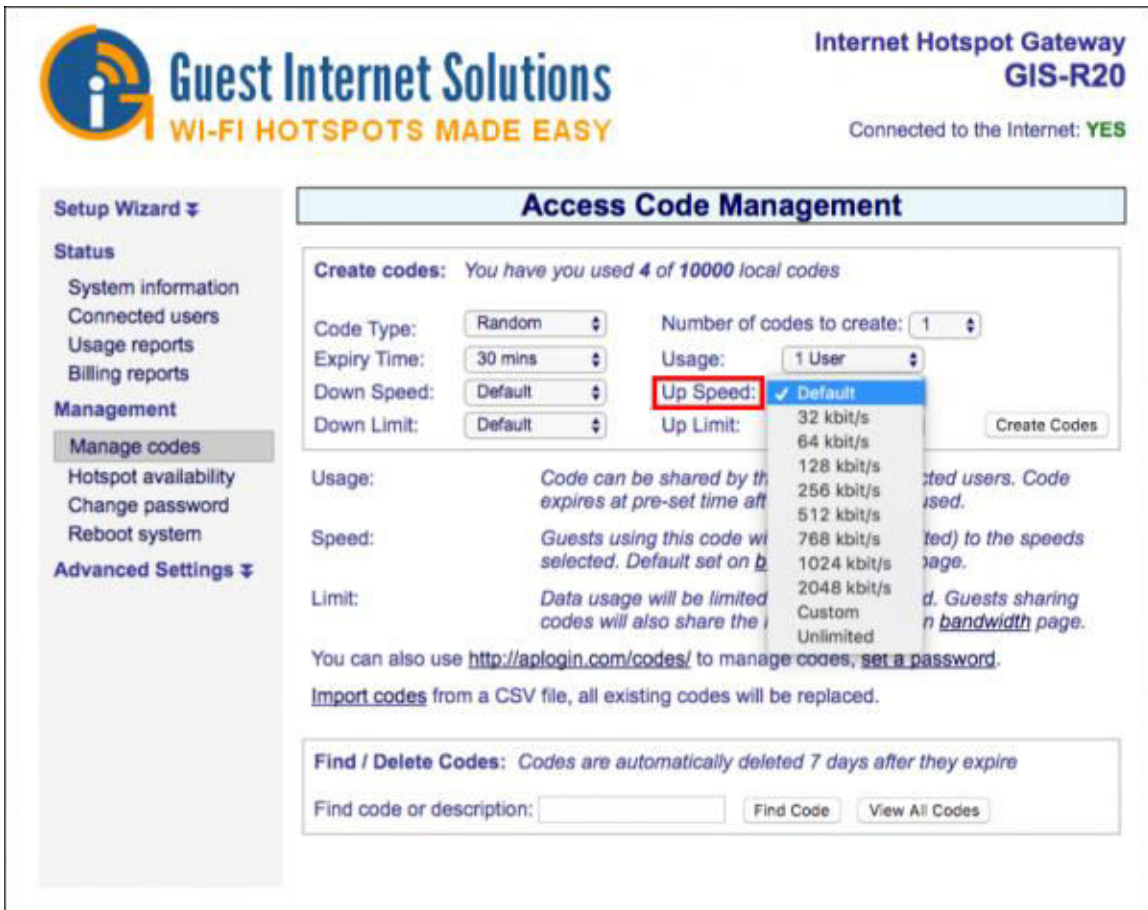
You can also use <http://apiogin.com/codes/> to manage codes, [set a password](#).

[Import codes](#) from a CSV file, all existing codes will be replaced.

Find / Delete Codes: Codes are automatically deleted 7 days after they expire

Find code or description: [Find Code](#) [View All Codes](#)

Up Speed: maximum upload Internet speed



The screenshot displays the 'Access Code Management' page of the Guest Internet Solutions web interface. The page header includes the logo and 'Internet Hotspot Gateway GIS-R20' with a status 'Connected to the Internet: YES'. A left sidebar contains navigation links like 'Setup Wizard', 'Status', 'Management', and 'Advanced Settings'. The main content area is titled 'Access Code Management' and shows a 'Create codes' section with a dropdown menu for 'Up Speed' open, listing options from 32 kbit/s to Unlimited. Below this, there are sections for 'Usage', 'Speed', and 'Limit' with descriptive text. At the bottom, there is a 'Find / Delete Codes' section with a search input and buttons for 'Find Code' and 'View All Codes'.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20

Connected to the Internet: **YES**

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random Number of codes to create: 1
Expiry Time: 30 mins Usage: 1 User
Down Speed: Default Up Speed: **Default**
Down Limit: Default Up Limit: 32 kbit/s
64 kbit/s
128 kbit/s
256 kbit/s
512 kbit/s
768 kbit/s
1024 kbit/s
2048 kbit/s
Custom
Unlimited

Usage: Code can be shared by the selected users. Code expires at pre-set time after use.

Speed: Guests using this code will be limited to the speeds selected. Default set on bandwidth page.

Limit: Data usage will be limited to the selected limit. Guests sharing codes will also share the limit.

You can also use <http://aplogin.com/codes/> to manage codes; set a password.

[Import codes](#) from a CSV file, all existing codes will be replaced.

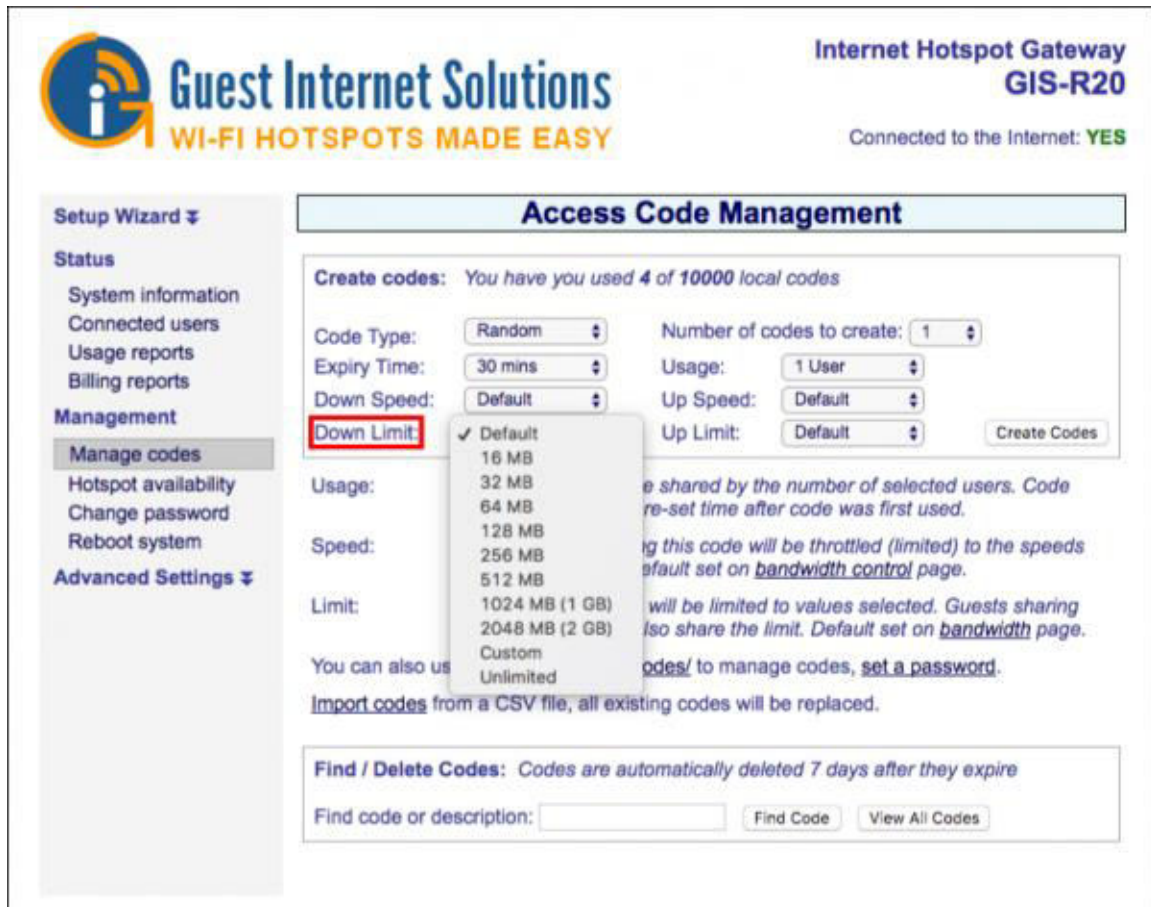
Find / Delete Codes: Codes are automatically deleted 7 days after they expire

Find code or description: Find Code View All Codes

Data

You can limit the data Download and Upload. Guests sharing codes will also share the limit. Default set on [bandwidth control page](#).

Maximum data download bytes



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20

Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes**
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random ▾ Number of codes to create: 1 ▾

Expiry Time: 30 mins ▾ Usage: 1 User ▾

Down Speed: Default ▾ Up Speed: Default ▾

Down Limit: ▾ Up Limit: Default ▾ [Create Codes](#)

- ✓ Default
- 16 MB
- 32 MB
- 64 MB
- 128 MB
- 256 MB
- 512 MB
- 1024 MB (1 GB)
- 2048 MB (2 GB)
- Custom
- Unlimited

Usage: *shared by the number of selected users. Code re-set time after code was first used.*

Speed: *ing this code will be throttled (limited) to the speeds default set on [bandwidth control page](#).*

Limit: *will be limited to values selected. Guests sharing also share the limit. Default set on [bandwidth page](#).*


You can also use [codes/](#) to manage codes, [set a password](#).

[Import codes](#) from a CSV file, all existing codes will be replaced.

Find / Delete Codes: Codes are automatically deleted 7 days after they expire

Find code or description: [Find Code](#) [View All Codes](#)

Maximum data upload bytes



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R20

Connected to the Internet: **YES**

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random Number of codes to create: 1

Expiry Time: 30 mins Usage: 1 User

Down Speed: Default Up Speed: Default

Down Limit: Default Up Limit: **Up Limit:**

Usage: Code can be shared by the code expires at pre-set time after the code expires.

Speed: Guests using this code will be limited to the speeds selected. Default set on bandwidth page.

Limit: Data usage will be limited to the bandwidth page. codes will also share the bandwidth page.

You can also use <http://aplogin.com/codes/> to manage codes.

Find / Delete Codes: Codes are automatically deleted 7 days after they expire

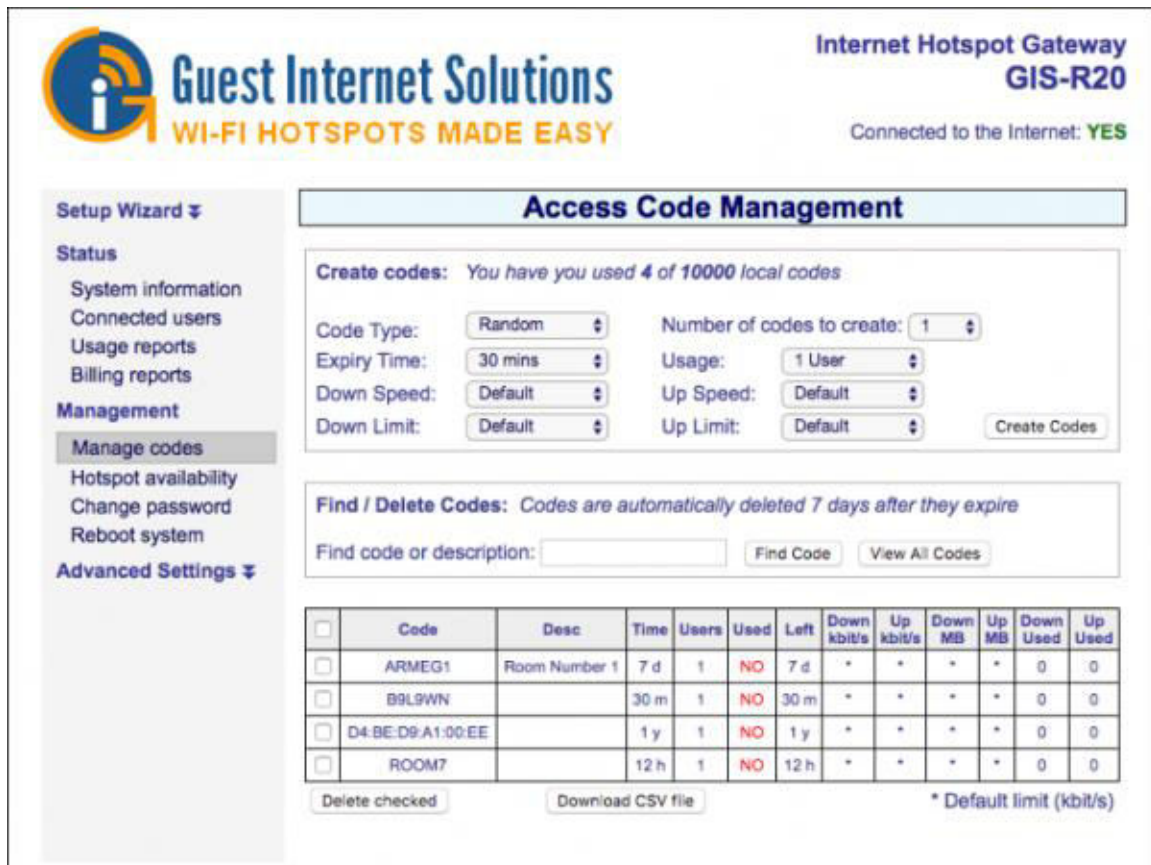
Find code or description: Find Code View All Codes

Import and Export Codes

The system allows you to import and export a set of codes in [CSV](#) format.

Download

Going to the "Manage Codes" option on the Admin interface, by the end of the page there is a "View All Codes" button, when clicking the button, you will see as screen like this:



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R20
Connected to the Internet: **YES**

Access Code Management

Create codes: You have you used 4 of 10000 local codes

Code Type: Random Number of codes to create: 1
 Expiry Time: 30 mins Usage: 1 User
 Down Speed: Default Up Speed: Default
 Down Limit: Default Up Limit: Default **Create Codes**

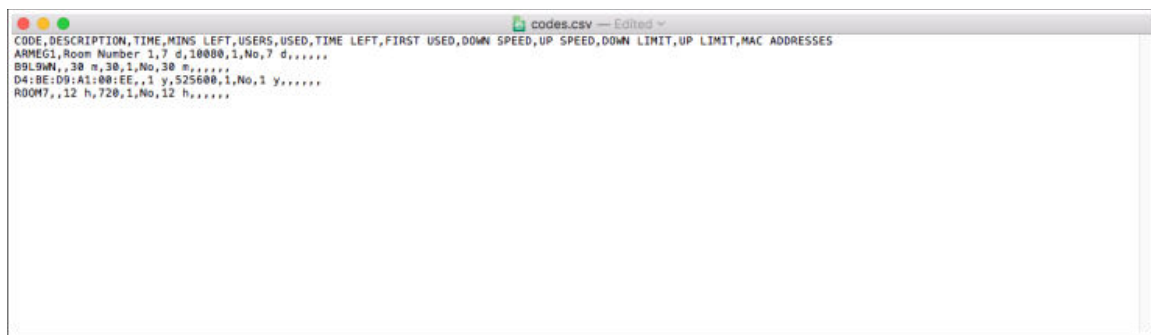
Find / Delete Codes: Codes are automatically deleted 7 days after they expire

Find code or description: **Find Code** **View All Codes**

<input type="checkbox"/>	Code	Desc	Time	Users	Used	Left	Down kbit/s	Up kbit/s	Down MB	Up MB	Down Used	Up Used
<input type="checkbox"/>	ARMEG1	Room Number 1	7 d	1	NO	7 d	*	*	*	*	0	0
<input type="checkbox"/>	B9L9WN		30 m	1	NO	30 m	*	*	*	*	0	0
<input type="checkbox"/>	D4-BE-D9-A1-00-EE		1 y	1	NO	1 y	*	*	*	*	0	0
<input type="checkbox"/>	ROOM7		12 h	1	NO	12 h	*	*	*	*	0	0

Delete checked **Download CSV file** * Default limit (kbit/s)


Just click the "Download CSV file" and you will get the CSV file with all the codes you have generated.



```
CODE,DESCRIPTION,TIME,MINS LEFT,USERS,USED,TIME LEFT,FIRST USED,DOWN SPEED,UP SPEED,DOWN LIMIT,UP LIMIT,MAC ADDRESSES
ARMEG1,Room Number 1,7 d,10000,1,No,7 d,,,,,
B9L9WN,,30 m,30,1,No,30 m,,,,,
D4-BE-D9-A1-00-EE,,1 y,52560,1,No,1 y,,,,,
ROOM7,,12 h,720,1,No,12 h,,,,,
```

Upload

To upload a list of Access Codes, you need to go to the "Manage Codes" option on the Admin interface, just before the Find/Delete Codes box by the end of the page, there is a link "Import Codes".



The screenshot displays the "Access Code Management" page of the Guest Internet Solutions admin interface. The page header includes the logo and "Internet Hotspot Gateway GIS-R20" with a status "Connected to the Internet: YES". A left sidebar contains navigation links: Setup Wizard, Status, System information, Connected users, Usage reports, Billing reports, Management (with sub-links for Manage codes, Hotspot availability, Change password, and Reboot system), and Advanced Settings. The main content area is titled "Access Code Management" and shows "Create codes: You have you used 4 of 10000 local codes". It features a form with dropdown menus for Code Type (Random), Number of codes to create (1), Expiry Time (30 mins), Usage (1 User), Down Speed (Default), Up Speed (Default), Down Limit (Default), and Up Limit (Default), followed by a "Create Codes" button. Below the form, there are three sections: "Usage" (Code can be shared by the number of selected users. Code expires at pre-set time after code was first used.), "Speed" (Guests using this code will be throttled (limited) to the speeds selected. Default set on [bandwidth control](#) page.), and "Limit" (Data usage will be limited to values selected. Guests sharing codes will also share the limit. Default set on [bandwidth](#) page.). A note states: "You can also use <http://aplogin.com/codes/> to manage codes, [set a password](#). [Import codes](#) from a CSV file, all existing codes will be replaced." At the bottom, a "Find / Delete Codes" section includes the text "Codes are automatically deleted 7 days after they expire" and a search box with "Find code or description:" and buttons for "Find Code" and "View All Codes".

By clicking the link you will be redirected to this page:



The screenshot displays the Guest Internet Solutions web interface. At the top left is the logo with the text "Guest Internet Solutions" and "WI-FI HOTSPOTS MADE EASY". At the top right, it says "Internet Hotspot Gateway GIS-R20" and "Connected to the Internet: YES". On the left is a sidebar menu with sections: "Setup Wizard" (with a dropdown arrow), "Status" (containing links for System information, Connected users, Usage reports, and Billing reports), "Management" (containing links for Manage codes, Hotspot availability, Change password, and Reboot system), and "Advanced Settings" (with a dropdown arrow). The "Manage codes" link is highlighted. The main content area is titled "Access Code Management" in a blue header. Below this, the "Import Codes" section explains that codes can be imported from a CSV file, provides instructions on creating CSV files, and states that the CSV format must match the "CSV download file". A red warning message states: "All existing codes will be replaced, please make a backup." Below the warning, there is a "CSV file:" label followed by a "Choose file" button and the text "No file chosen". At the bottom right of this section is an "Import codes file" button.

Printing Vouchers for the voucher cash sale (Internet-por-ficha) application

The K-series and R2/4/6 products have a feature to create and print vouchers in a 4x4 format on a letter size printer. Each voucher has a unique access code printed on it, where the access code is configured with the parameters for:

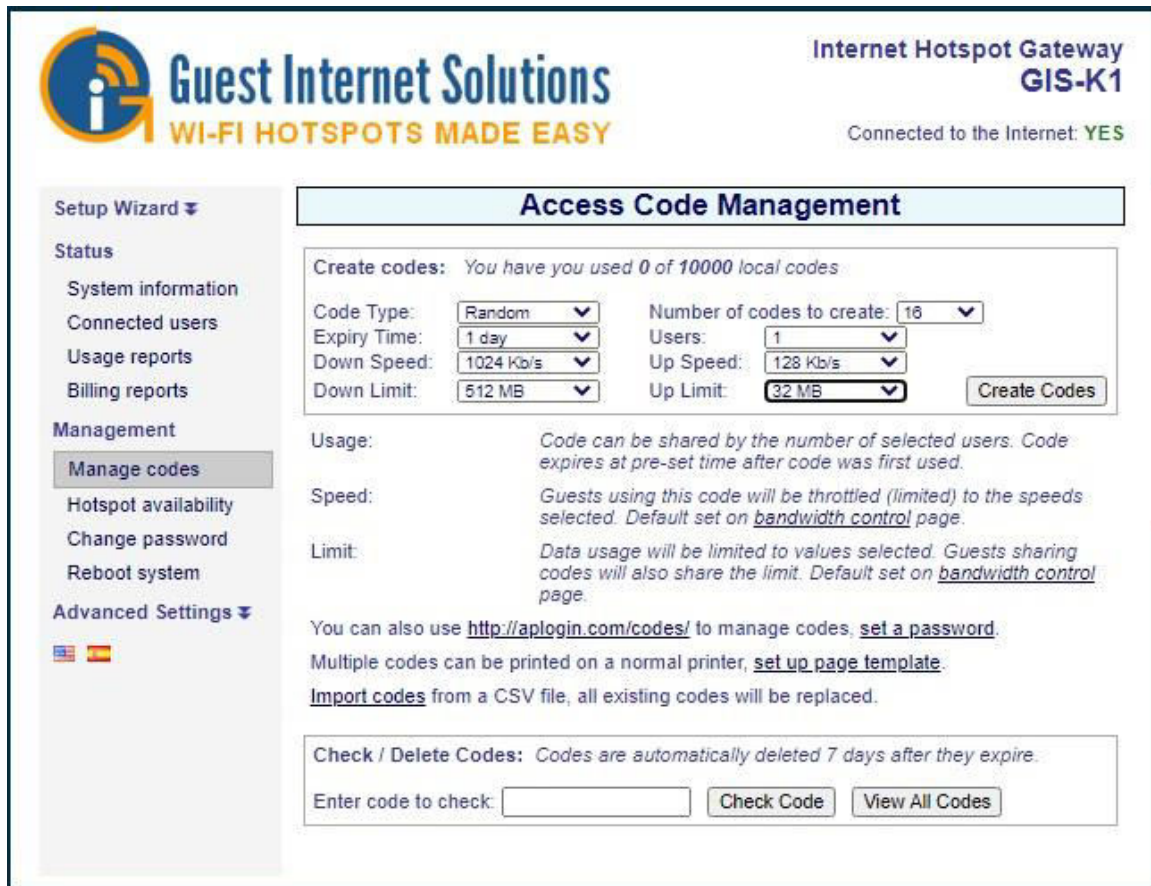
- Duration, minutes, hours, days, months
- Number of concurrent users permitted to use the code
- Download and upload speeds
- Download and upload byte limits

This feature supports the sale of Internet access for a cash payment (Internet-por-ficha) application that is very popular in the countries of Latin America and the Caribbean.

Before the vouchers can be printed, the voucher design must be created. The voucher setup procedure is described in the 'Printer Setup' section of this manual.

Creating the codes follows the same procedure as described previously. The vouchers are printed 4x4 on a Letter size page which is 16 vouchers per page. When selecting the number of codes to create a number should be selected that is a multiple of 16.


When the access code parameters have been selected click the 'create codes' button as shown in the screen below.



The screenshot shows the 'Access Code Management' section of the Guest Internet Solutions web interface. The interface includes a sidebar with navigation options like 'Setup Wizard', 'Status', 'System information', 'Connected users', 'Usage reports', 'Billing reports', 'Management' (with 'Manage codes' highlighted), and 'Advanced Settings'. The main content area is titled 'Access Code Management' and displays the status 'You have used 0 of 10000 local codes'. It features a form to create codes with fields for Code Type (Random), Number of codes to create (16), Expiry Time (1 day), Users (1), Down Speed (1024 Kb/s), Up Speed (128 Kb/s), Down Limit (512 MB), and Up Limit (32 MB). A 'Create Codes' button is present. Below the form, there are sections for 'Usage', 'Speed', and 'Limit' with descriptive text. At the bottom, there is a 'Check / Delete Codes' section with a text input for 'Enter code to check:' and buttons for 'Check Code' and 'View All Codes'.

When the 'create codes' button is clicked the access codes are listed as shown in the screen below.

The voucher-printing feature includes a button 'print codes file' that is highlighted in the figure below. Clicking this button opens a browser tab with the formatted vouchers, which is shown on the following page.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-K1
 Connected to the Internet: YES

Setup Wizard ▾

Status

System information

Connected users

Usage reports

Billing reports

Management



Manage codes

Hotspot availability

Change password

Reboot system

Advanced Settings ▾

Access Code Management

Create codes: *You have you used 16 of 10000 local codes*

Code Type: Random ▾

Expiry Time: 30 mins ▾

Down Speed: Default ▾

Down Limit: Default ▾

Number of codes to create: 1 ▾

Users: 1 ▾

Up Speed: Default ▾

Up Limit: Default ▾

Create Codes

New Codes:

#	Code	Time	Users	Down Speed	Up Speed	Down Limit	Up Limit
1	YR9HQA	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
2	MTGB46	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
3	MM7684	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
4	GKK3HA	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
5	2YJYYW	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
6	JPR1Q7	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
7	AR0X8H	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
8	N0WHKB	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
9	H2CCFH	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
10	0XKDUN	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
11	EPBNEK	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
12	QGQF8M	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
13	N8060X	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
14	M81QWC	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
15	8Q0QY6	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB
16	HBMMW9	1 D	1	1024 Kb/s	128 Kb/s	512 MB	32 MB

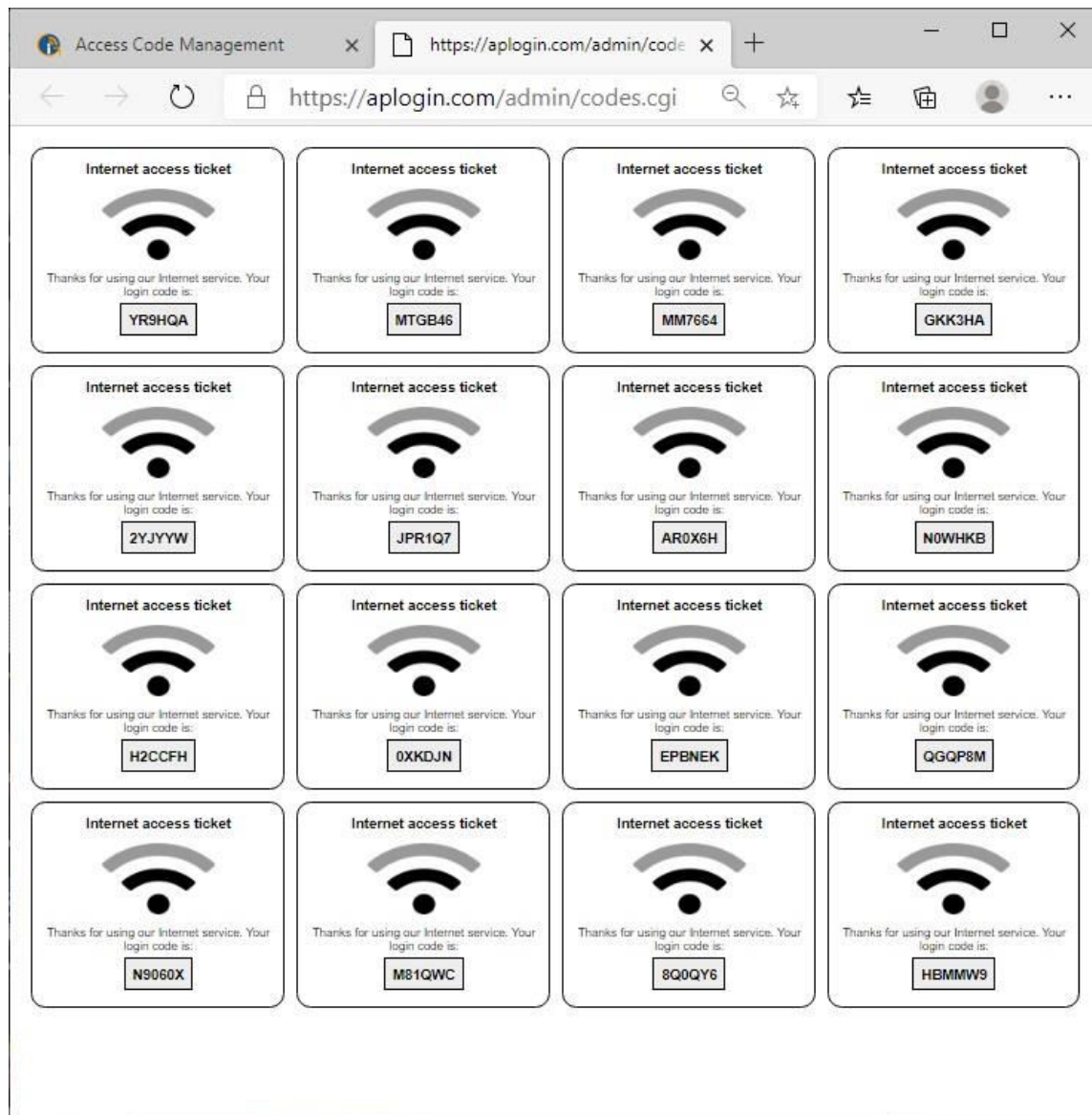
Print codes file
Download CSV file

Check / Delete Codes: *Codes are automatically deleted 7 days after they expire.*

Enter code to check:
Check Code
View All Codes

The browser pages can be sent directly to a printer, or else printed to a PDF file for printing at a later date.

After printing each voucher page is chopped into individual vouchers for sale to the public.



Codes Page

All GIS gateway products have a special graphic user interface specifically to generate access codes that are given to guests for Internet access.

When the ticket printer is activated the display is used to print access codes onto tickets, as a self-contained PoS.

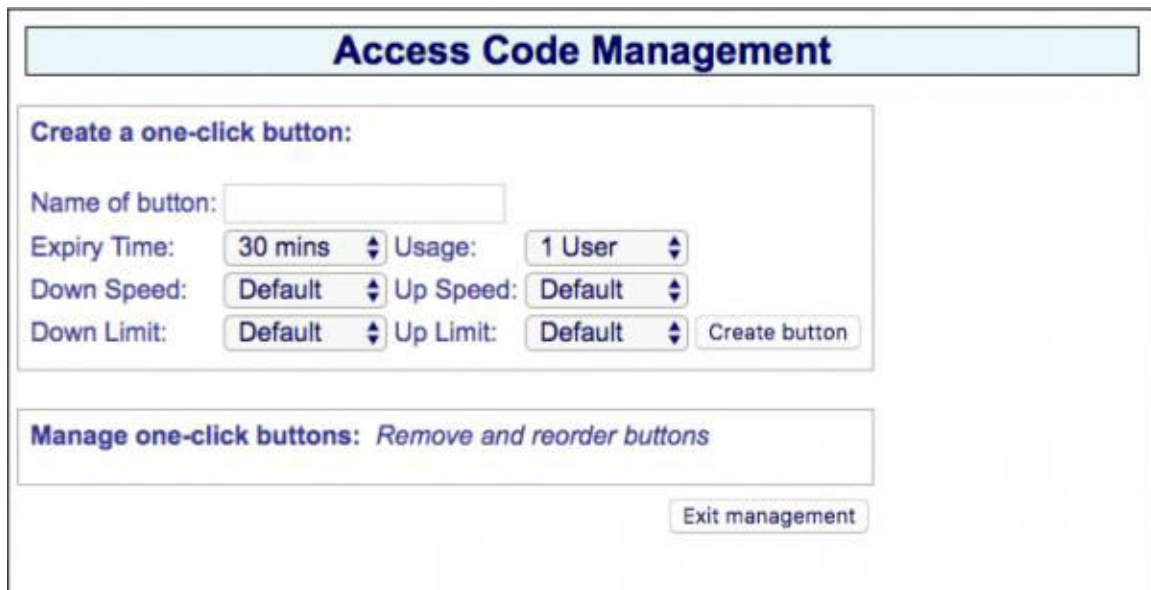
Access codes can be generated and managed using the administrator login:

<http://aplogin.com/admin>

The administrator login gives access to all the features of the GIS- gateway. In many cases it is desirable to give someone the permission to generate and manage access codes, but not permit that person to have access to all the configuration parameters.

A page that permits only the generation and management of codes can be accessed using the URL: <http://aplogin.com/codes>

A username and password is requested when this URL is typed in and so the code administration page password must be created before this feature can be used. First login as administrator and click on the [change password](#) menu entry to create the password for the access code management page.



The screenshot shows a web interface titled "Access Code Management". It contains two main sections. The first section, "Create a one-click button:", includes a text input for "Name of button:", and four dropdown menus for "Expiry Time" (30 mins), "Usage" (1 User), "Down Speed" (Default), and "Up Speed" (Default). Below these are two more dropdowns for "Down Limit" (Default) and "Up Limit" (Default), followed by a "Create button" button. The second section, "Manage one-click buttons:", contains the text "Remove and reorder buttons" and an "Exit management" button.

It is necessary to first create buttons that are used to generate access codes.

Up to ten buttons can be added to the display. Click on the 'create button' to add a button to the display.

Access Code Management

Create a one-click button:

Name of button:

Expiry Time: Usage:

Down Speed: Up Speed:

Down Limit: Up Limit:

One-click button added

Manage one-click buttons: *Remove and reorder buttons*

<input type="button" value="30 Minutes"/>	<input type="button" value="Remove one-click button"/>	<input type="button" value="Move up"/>
<input type="button" value="1 hour"/>	<input type="button" value="Remove one-click button"/>	<input type="button" value="Move up"/>
<input type="button" value="2 Hours"/>	<input type="button" value="Remove one-click button"/>	<input type="button" value="Move up"/>
<input type="button" value="Day"/>	<input type="button" value="Remove one-click button"/>	<input type="button" value="Move up"/>
<input type="button" value="Week"/>	<input type="button" value="Remove one-click button"/>	<input type="button" value="Move up"/>

First type the name of the button that will be shown on the display subsequently. This could refer to the access time, e.g. two-hours, or the type of user, e.g. conference-guest.

The code duration can be selected from 30 minutes to 180 days using the drop down menu.

One of two codes types can be selected:

- **Single:** Only one guest can use this code. The code runs to completion after login. The duration of the code is selected by the time option.
- **Multi-User:** Many guests can use this code concurrently for Internet access. The timer starts the first time that the code is used by any user, and the code expires after the duration set for the code. Subsequent users will therefore have less time available for the code.

The download and upload speed limits can also be specified for the code using the drop down menu.

Click the 'exit management' button to see the display with the buttons that are used to generate access codes.

Access Code Management

One-click buttons: *Create and print new codes with one click*

30 Minutes

1 hour

2 Hours

Day

Week

Manage one-click buttons

Create / View codes

When any button is clicked the access code that has been generated is shown on the display.

Access Code Management

One-click buttons: *Create and print new codes with one click*

30 Minutes

1 hour

2 Hours

Day

Week

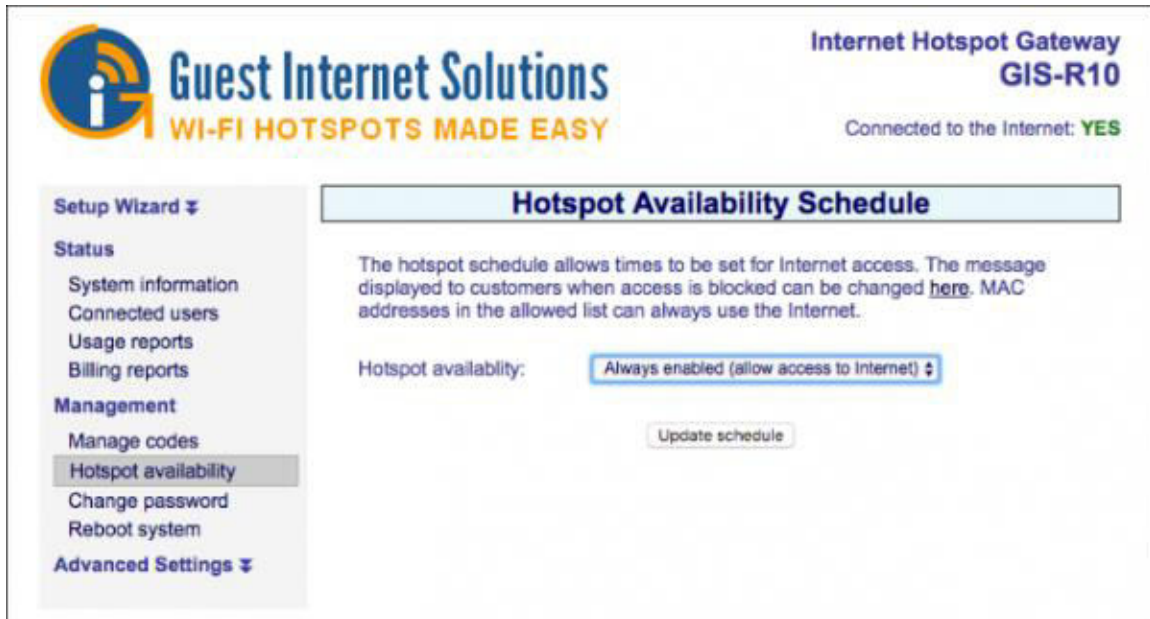
Manage one-click buttons

New Code: 6HDPM4


Create / View codes

Hotspot Availability

The GIS units allow you to control the times where the internet is available throughout the week. Clicking on the Hotspot availability menu opens the default page, which shows always enabled.



If 'schedule access' is selected from the drop-down menu then the selection table is displayed.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

**Internet Hotspot Gateway
GIS-R10**
 Connected to the Internet: **YES**

Setup Wizard ▾
Status
 System information
 Connected users
 Usage reports
 Billing reports
Management
 Manage codes
Hotspot availability
 Change password
 Reboot system
Advanced Settings ▾

Hotspot Availability Schedule

The hotspot schedule allows times to be set for Internet access. The message displayed to customers when access is blocked can be changed [here](#). MAC addresses in the allowed list can always use the Internet.

Hotspot availability: Schedule access (using table below) ▾

ALL / NONE	Sun	Mon	Tue	Wed	Thu	Fri	Sat
12 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
01 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
04 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
05 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
06 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
07 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
09 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11 am	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
01 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
04 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
05 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
06 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
07 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
09 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11 pm	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

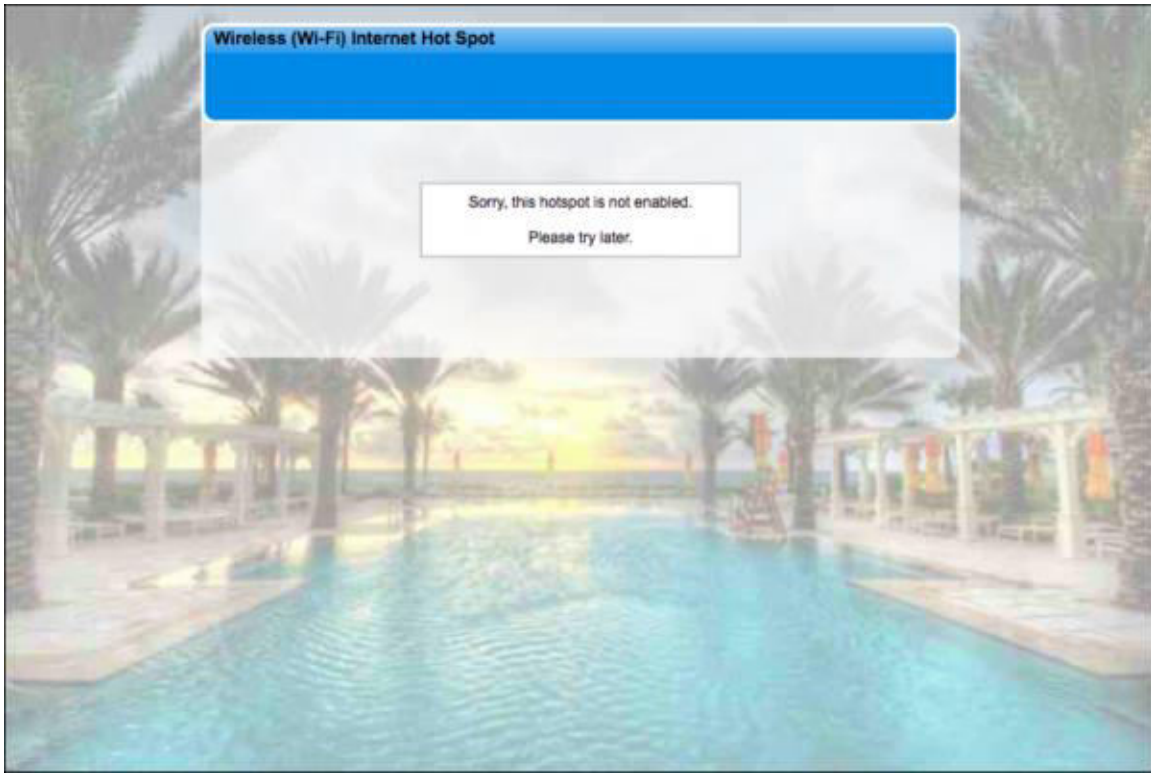
Ticked boxes indicated the hotspot is enabled

Update schedule

The Hotspot can be enabled or disabled in increments of 1-hour, during a 7-day period.

Each hourly selection box is checked for enabled when the table is first opened. Uncheck the boxes when the Hotspot service should not be provided.

At the times when the Hotspot has been disabled, the login screen will display:

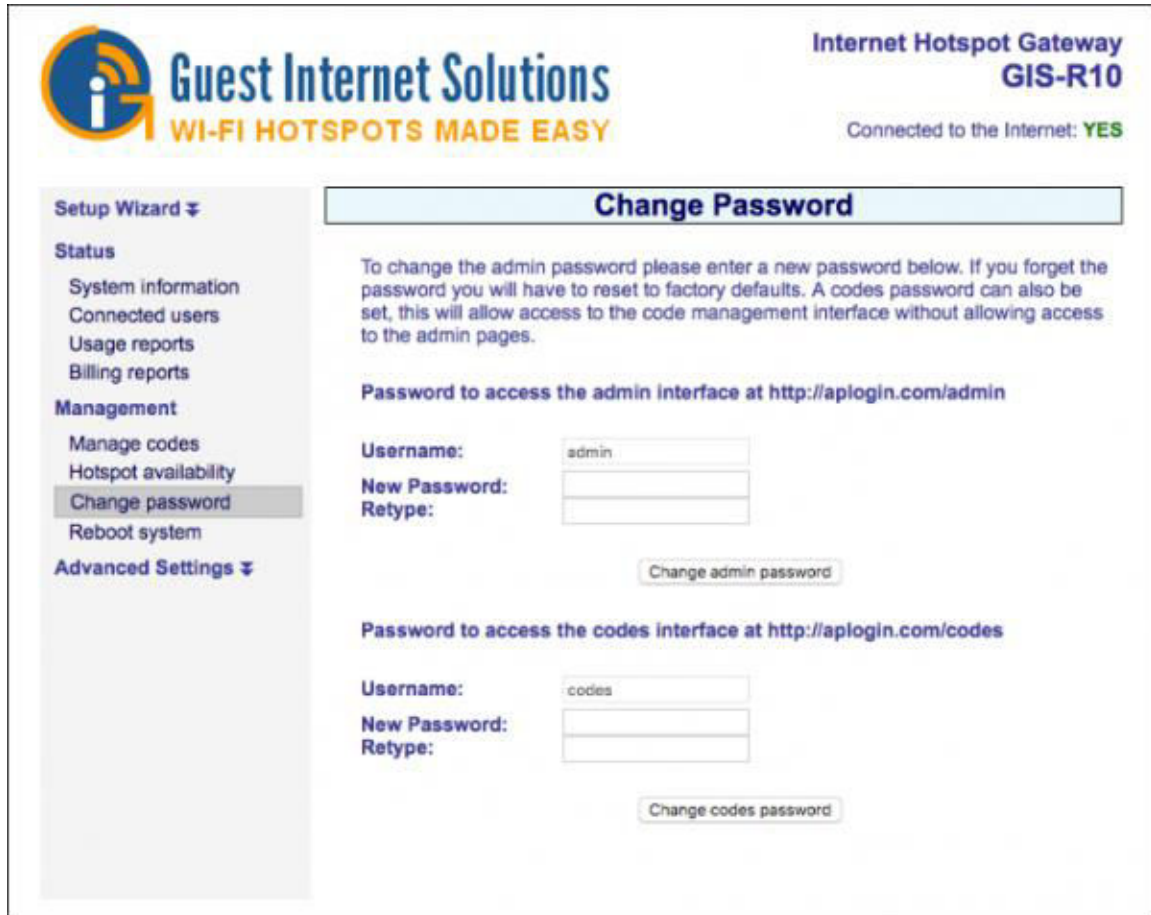


The message that is displayed can be changed, check [Login Messages](#).

Change Password

During the wizard setup procedure a password must be typed in for the administrator login.

The Change Password menu option is used to change the password at any time after the initial setup procedure.



The screenshot shows the 'Change Password' page of the Guest Internet Solutions web interface. The page has a header with the logo and 'Internet Hotspot Gateway GIS-R10'. A status bar indicates 'Connected to the Internet: YES'. On the left is a sidebar menu with 'Setup Wizard' (expanded), 'Status', 'Management', and 'Advanced Settings'. The 'Change password' option under 'Management' is highlighted. The main content area is titled 'Change Password' and contains instructions for changing the admin and codes passwords. It includes input fields for Username, New Password, and Retype for both interfaces, along with 'Change admin password' and 'Change codes password' buttons.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Change Password

To change the admin password please enter a new password below. If you forget the password you will have to reset to factory defaults. A codes password can also be set, this will allow access to the code management interface without allowing access to the admin pages.

Password to access the admin interface at <http://aplogin.com/admin>

Username:

New Password:

Retype:

Password to access the codes interface at <http://aplogin.com/codes>

Username:

New Password:

Retype:

Two passwords are required:

The first is the **admin** password that is used to access the Admin pages: this password was entered during the Wizard setup process.

The second is the **codes** password is required for login to the [Codes page](#).

The codes page is used to create and administer access codes, however there is no access to other administration pages.

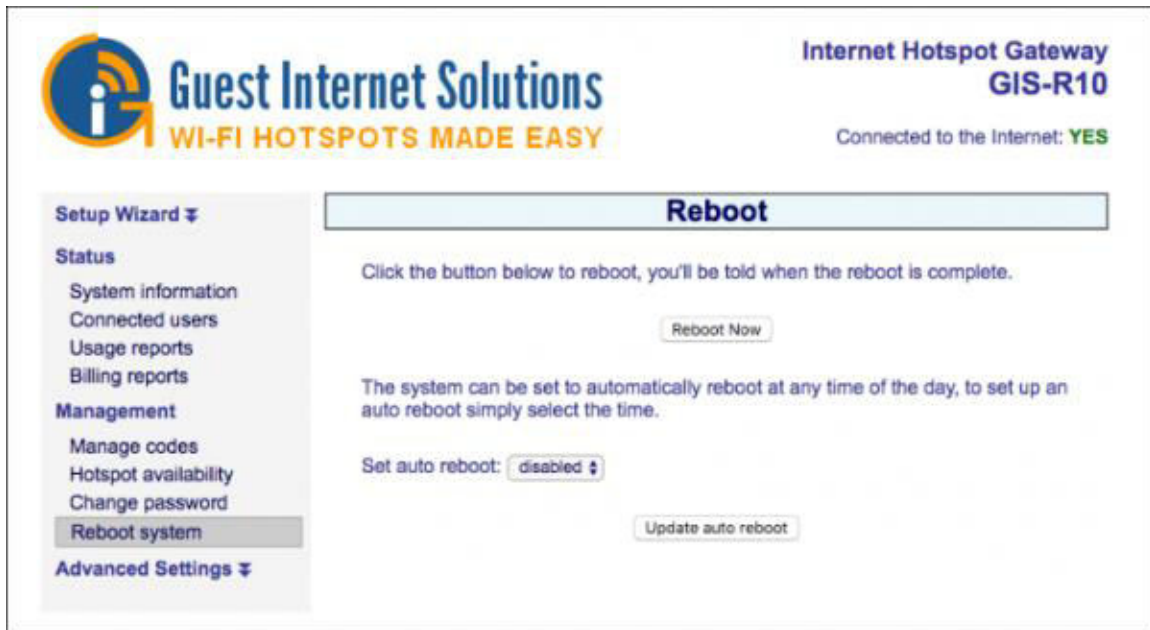
The codes page is also used when the ticket printer GIS-TP1 is used with the gateway.

Always make a note of your passwords and keep in a safe place: if the admin password is lost then the Guest Internet gateway will have to be reset to factory defaults and you will have to configure the device again.

Reboot

The reboot system function restarts the device.

Some functions may require the device to be rebooted before the changes take effect.



Click on the '*Reboot*' button to restart the device.

When the device has been rebooted there will be a pause of approximately three minutes before it becomes functional again. This process is the same as cycling the power to the device.

The reboot page also has a drop down menu for 'set auto reboot'.

The drop down menu permits a time to be selected to reboot the device each day.

The auto-reboot should be selected for a time of day when no one will be using the hotspot.

The auto reboot is very useful to release resources allocated by users. For example, IP's will be allocated and will only expire after the termination of the IP lease time. The auto reboot forces the release of IP leases to free up resources for new users.

Advanced Settings

Advanced settings permit you to change technical parameters of your product. Changes in these parameters should not be required unless your implementation has specific network characteristics.

Advanced settings used to administer your Guest Internet unit are as follows:

[Login Settings](#)

[Login Messages](#)

[Credit Car / PayPal](#)

[Disclaimer Text](#)

[Time zone](#)

[Email setup](#)

[Content filter](#)

[Dynamic DNS](#)

[Bandwidth control](#)

[Network interfaces](#)

[Firewall](#)

[Port forwarding](#)

[Monitoring / alerting](#)

[Hostname](#)

[Allowed IP list](#)

[Allowed MAC list](#)

[Blocked MAC list](#)


[Printer setup](#)

[Update firmware](#)

[Backup & restore](#)

[Cloud management](#)

Login Settings



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system


Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type: Controlled access (Require a login code) ▾

Your business site: http://
 Or  Facebook page

☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: 60 Time in minutes, set to 0 to disable
 Log off inactive users

Default login time: 0 Time in minutes, default (0) is 24h
 Unless set by code

Authentication type: MAC and IP address (default) ▾

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

☒ Use wizard: Use the **wizard** to set up the login page

☐ Custom background: Choose file No file chosen
 Background image must be a JPEG, max size is 196kb
 Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☐ Custom login page: Choose file No file chosen
 ZIP archive, see manual for details, max size is 196kb

WARNING: All hotspot users will be logged out when settings are changed

Change settings

Login Page Type: Choose the [type of login](#) to be offered to your guests.

Business Web site or Facebook page: This is the Web site URL of the business providing Internet service. When Social media login is selected this box should contain the URL of the business Facebook page.

Force the user to visit this website after login: By checking this box you can force the user visit to your website after logging in.

Enable Timer window: Checking this box will enable the pop-up timer window that the user sees after completion of the login process.

Clear MAC at logout: By default an access code can only be used with one computer. By checking this box the access code can be used on many computers, tablets and smart-phones sequentially, but not concurrently.

Inactivity logout time: This is a timer (shown in minutes) after which a user will be logged out when the user has stopped using the Internet. This feature releases resources so that more people can use the Internet service. Note that most computers have tasks that constantly connect to the Internet even when the computer is not being used. The inactivity logout time will therefore be effective when the computer is put into sleep mode or switched off.

Default login time: This timer (in minutes) is normally set to zero: zero means it is inactive. This timer will disconnect the user after the time specified.

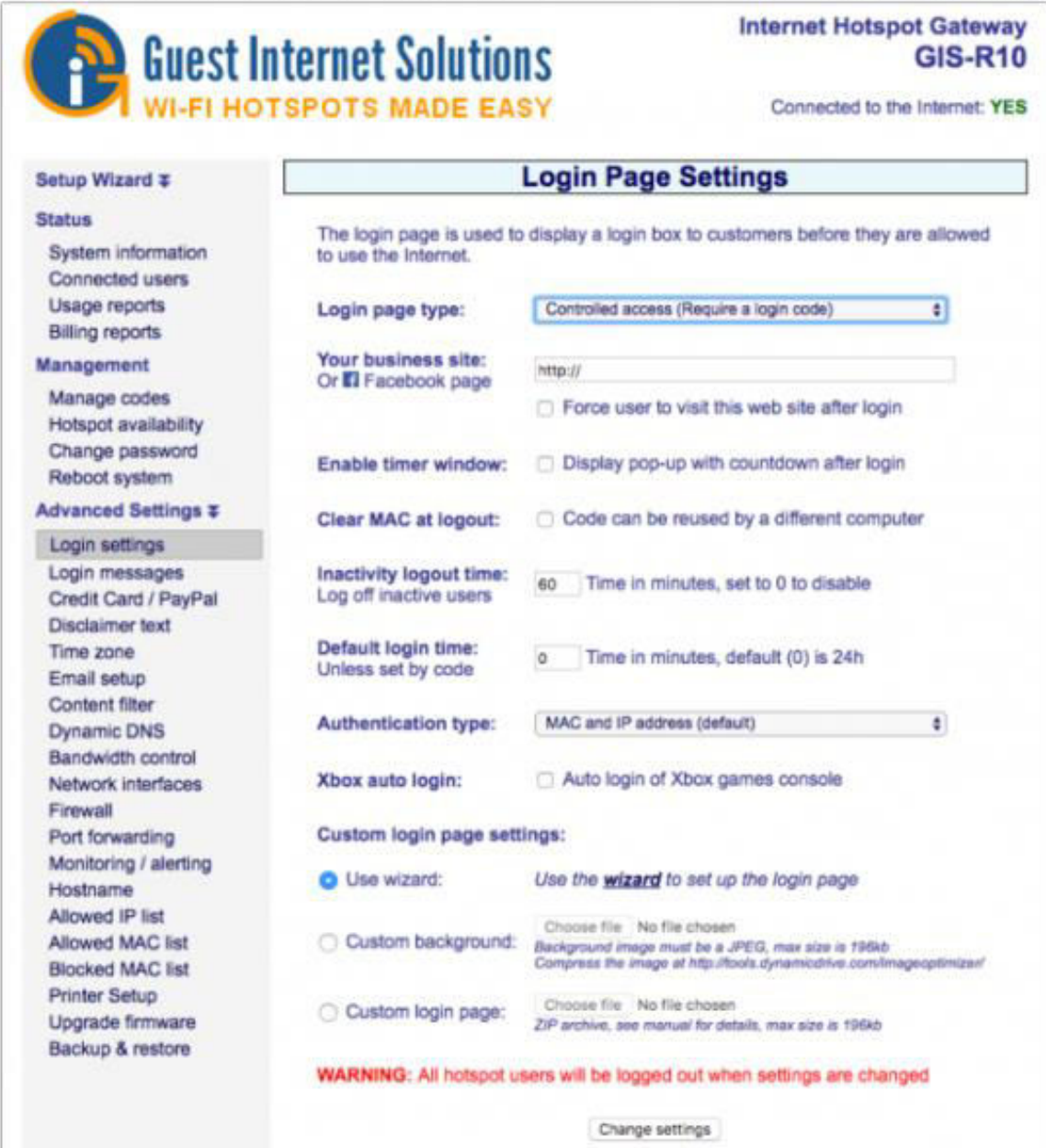
Authentication type: When computers are authenticated the default method is to associate both the IP address and the MAC address of the computer with the access code. In some cases it is desired to authenticate the user by IP address only (a) when it is desired to permit the user to use one access code with several devices (not simultaneously), and (b) when a wireless distribution network has been configured for guest access, however WDS is not activated for point to point links for whatever reason (in this case the MAC address is the wireless access point, not the users computer).

XBox auto login: Standard configuration Xbox gaming products do not have a browser and therefore cannot log in to the network like a computer can. Checking this box will permit Xbox products to be detected and allow them to bypass the login page and connect directly to the Internet. The firewall rules apply to the Xbox however.

Custom Login Page Settings: The login page is used to display a login box to customers before they are allowed to use the internet, you can learn how to customise your login page [here](#).

Controlled Access

If you want to control your users access to the internet using either login codes or by using [Credit Card/PayPal®](#) billing then Controlled Access should be enabled.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type: Controlled access (Require a login code) ▾

Your business site:
Or ☒ Facebook page

☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: Time in minutes, set to 0 to disable
Log off inactive users

Default login time: Time in minutes, default (0) is 24h
Unless set by code

Authentication type: MAC and IP address (default) ▾

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

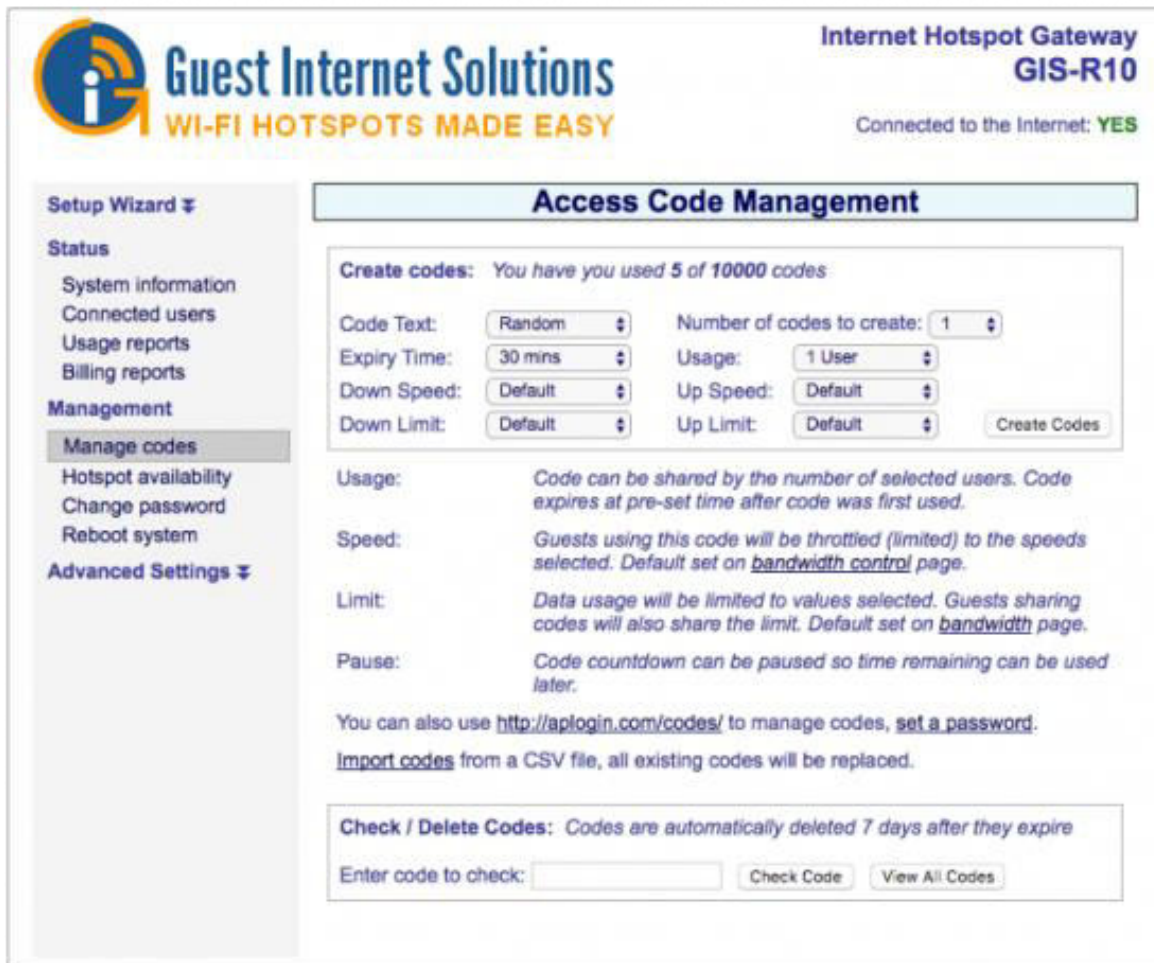
☒ Use wizard: Use the **wizard** to set up the login page

☐ Custom background: No file chosen
Background image must be a JPEG, max size is 196kb
Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☐ Custom login page: No file chosen
Zip archive, see manual for details, max size is 196kb

WARNING: All hotspot users will be logged out when settings are changed

The Controlled Access requires a login code that can be generated on "Manage Codes" based on time limit, speed limit or no limits.



Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R10
 Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes**
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

Access Code Management

Create codes: You have you used 5 of 10000 codes

Code Text:	<input type="text" value="Random"/>	Number of codes to create:	<input type="text" value="1"/>
Expiry Time:	<input type="text" value="30 mins"/>	Usage:	<input type="text" value="1 User"/>
Down Speed:	<input type="text" value="Default"/>	Up Speed:	<input type="text" value="Default"/>
Down Limit:	<input type="text" value="Default"/>	Up Limit:	<input type="text" value="Default"/>

Usage: Code can be shared by the number of selected users. Code expires at pre-set time after code was first used.

Speed: Guests using this code will be throttled (limited) to the speeds selected. Default set on [bandwidth control](#) page.

Limit: Data usage will be limited to values selected. Guests sharing codes will also share the limit. Default set on [bandwidth](#) page.

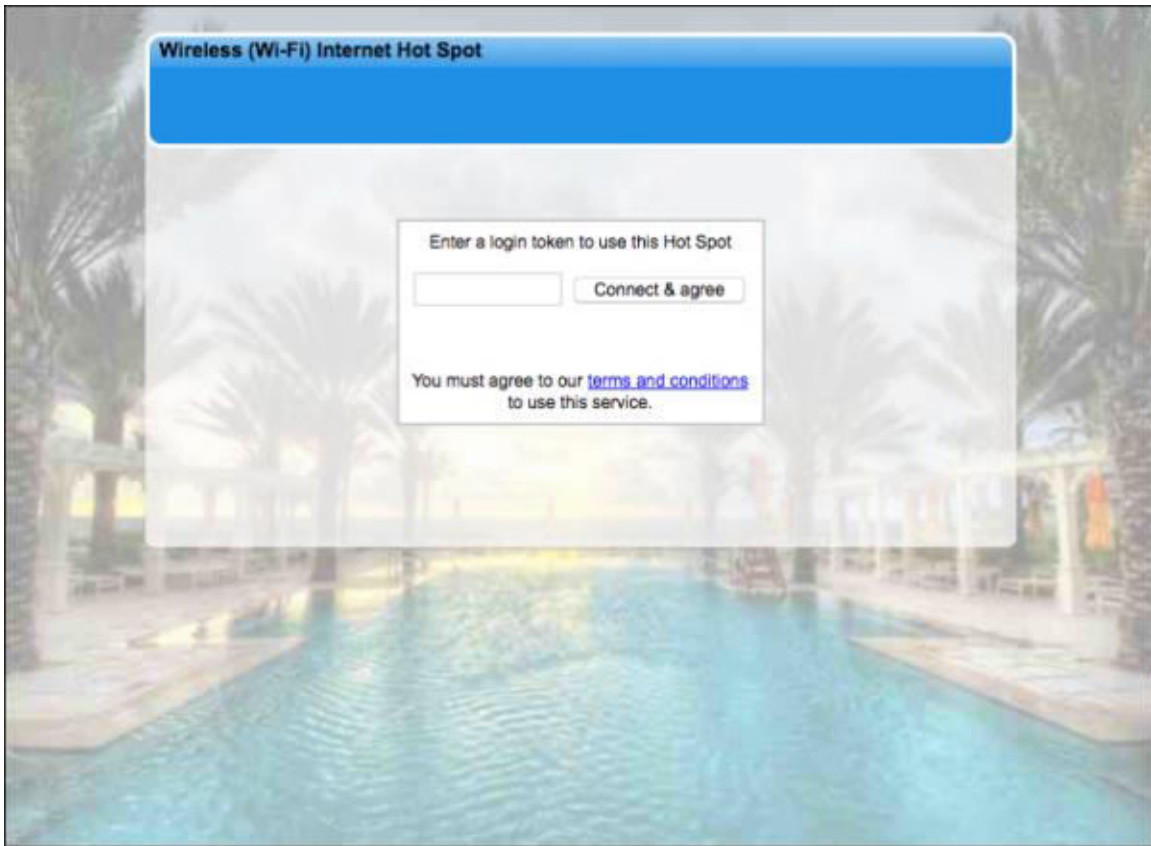
Pause: Code countdown can be paused so time remaining can be used later.

You can also use <http://aplogin.com/codes/> to manage codes, [set a password](#), [import codes](#) from a CSV file, all existing codes will be replaced.

Check / Delete Codes: Codes are automatically deleted 7 days after they expire

Enter code to check:

It will be displayed on the user's device the "Custom Login Page" you have created, the page will display a space where the user needs to type the code and therefore connecting to the Internet.

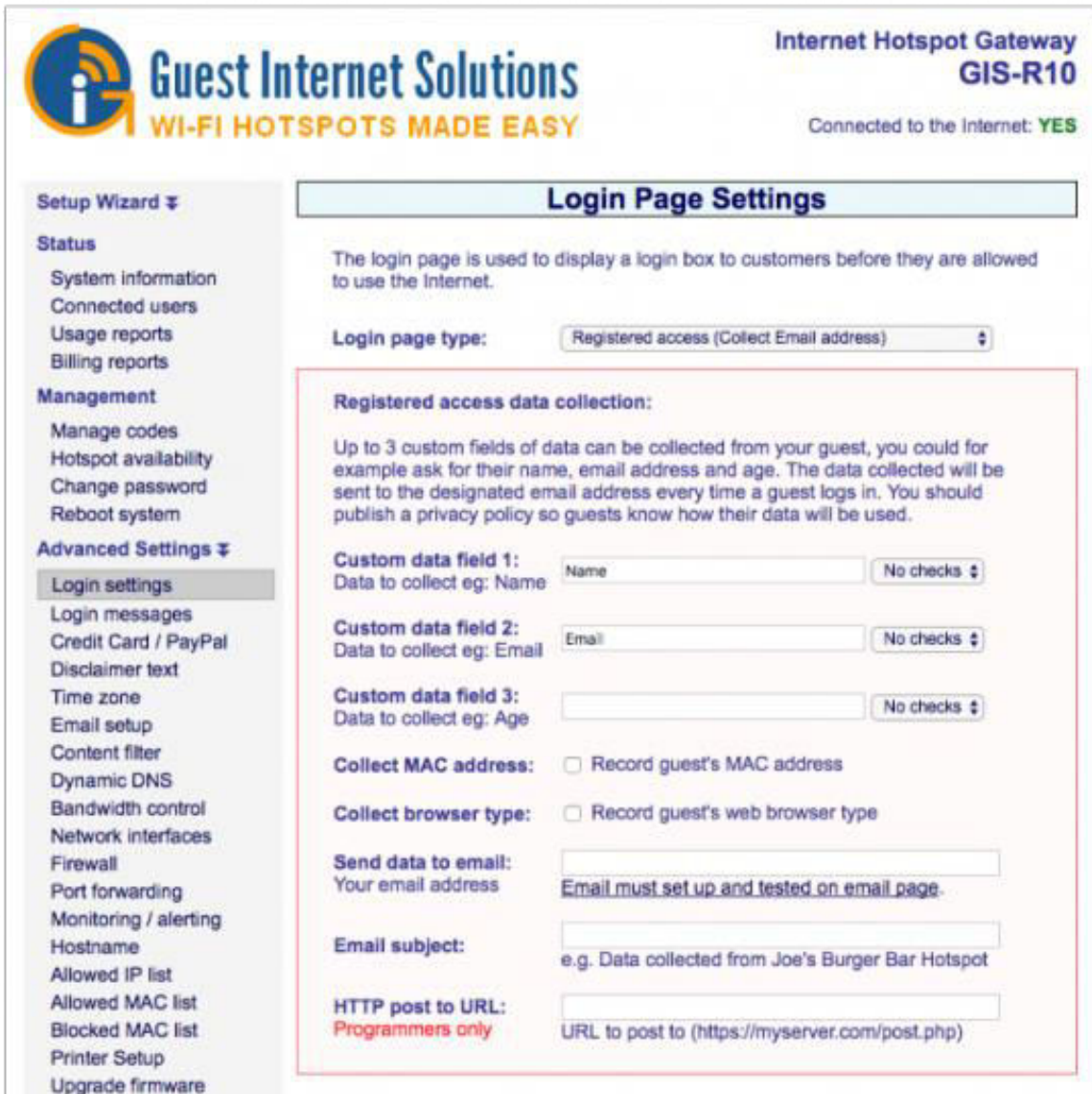


When clicking in "terms and conditions" the user will be redirected to a page with the disclaimer information. You can see how to edit the disclaimer [here](#).

Registered Access

By enabling the Register Access the user has to provide the data requested (i.e email address) before proceeding to the login page.

Before setting the Login Page to Registered Access you need to configure the [Email Setup](#) page.



The screenshot shows the 'Internet Hotspot Gateway GIS-R10' interface. The left sidebar contains a 'Setup Wizard' menu with sections for Status, Management, and Advanced Settings. The 'Login settings' option under Advanced Settings is selected. The main content area is titled 'Login Page Settings' and contains the following configuration options:

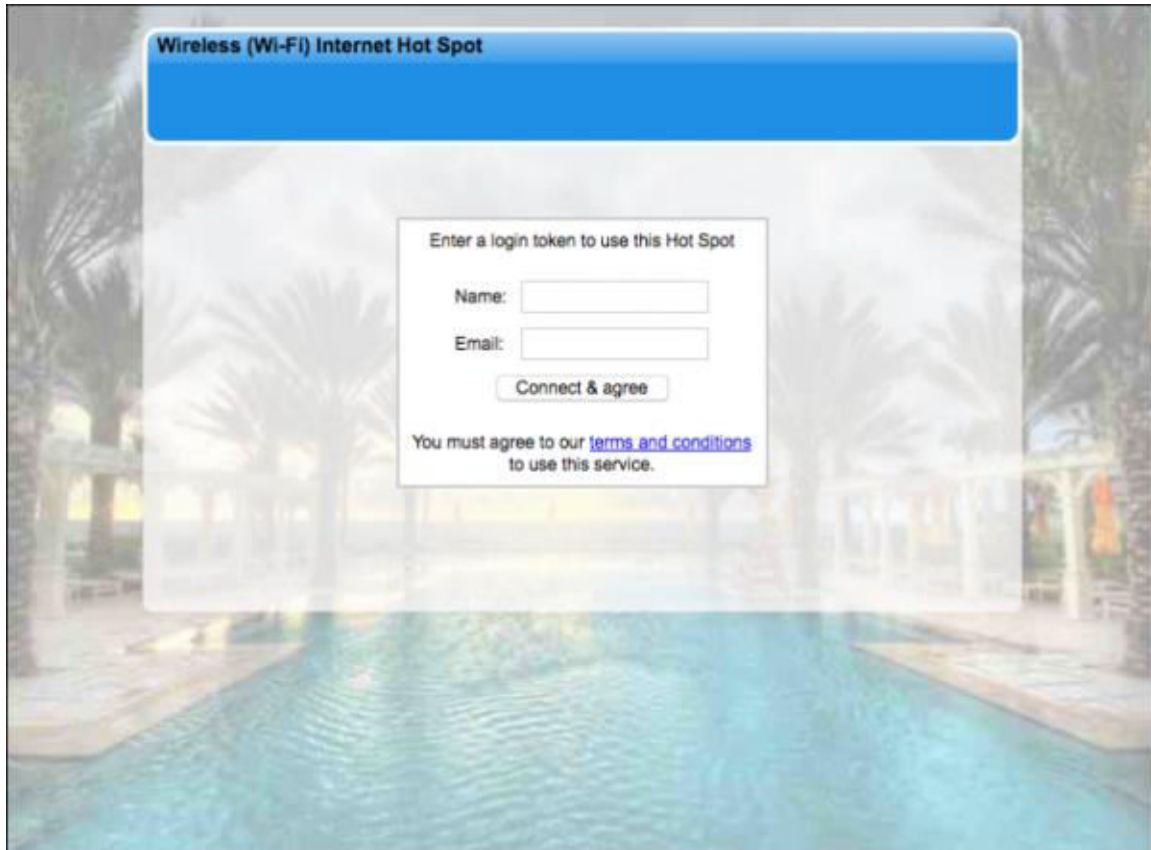
- Login page type:** A dropdown menu set to 'Registered access (Collect Email address)'.
- Registered access data collection:** A section explaining that up to 3 custom fields of data can be collected from guests. It includes three fields:
 - Custom data field 1:** Labeled 'Name', with a dropdown set to 'No checks'.
 - Custom data field 2:** Labeled 'Email', with a dropdown set to 'No checks'.
 - Custom data field 3:** Labeled 'Age', with a dropdown set to 'No checks'.
- Collect MAC address:** A checkbox labeled 'Record guest's MAC address'.
- Collect browser type:** A checkbox labeled 'Record guest's web browser type'.
- Send data to email:** A text input field for 'Your email address' with a note: 'Email must set up and tested on email page.'
- Email subject:** A text input field with an example: 'e.g. Data collected from Joe's Burger Bar Hotspot'.
- HTTP post to URL:** A text input field with a note: 'URL to post to (https://myserver.com/post.php)'. Below this field is the text 'Programmers only' in red.

Registered access data collection permits three data fields to be specified, and has the option to check the format of the data entered.

In addition to collecting the three data fields, two boxes can be checked to collect the users computer MAC address and the users web browser type. The collected information is sent to the email provided in the field below and the email subject can be entered to permit email readers direct the emails to a different folder.

Finally a field is available for programmers who wish to write the collected data directly to a server database. Implementation of this option required the hotspot operator to program a server application that will listen for information packages and store them in a database.

No personal information is stored on the gateway.



The screenshot shows a login interface for a "Wireless (Wi-Fi) Internet Hot Spot". The interface is a semi-transparent white box with a blue header bar. Inside the box, there is a prompt to "Enter a login token to use this Hot Spot". Below this, there are two input fields labeled "Name:" and "Email:". A "Connect & agree" button is positioned below the input fields. At the bottom of the box, a line of text states: "You must agree to our [terms and conditions](#) to use this service."

When clicking in "terms and conditions" the user will be redirected to a page with the disclaimer information. You can see how to edit the disclaimer [here](#).

Social Media

The Social Media login type allows user to login using Facebook™ to gain access to your network with an optional feature of requesting e-mail addresses for users without a Facebook™ account.

If you want to support login using the optional e-mail support then before setting the Login Page to Social Media you need to configure the [Email Setup](#) page.

The Social Media access requires the hotspot operator to create a [Facebook™](#) page for the business.

Additionally you can filter the content based on the age of the user. This allows you to ask for the date of birth upon logging in and apply filtering to those below a certain age. For this functionality you need to setup and enable [Content Filtering](#).



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R10
Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Wireless settings
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Blocked IP list
- Allowed MAC list

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type: Social Media access (Using Facebook) ▾

Social Media access:

 Allow guests to log in to the hotspot using their social media account. Facebook uses will be asked to "Like" your page and share with friends. Guests will see your updates on their Facebook page.

You will need a Facebook page to set up access using Facebook. [A Facebook page can be created](#) using your personal Facebook account.

Facebook Page:

Offer email login option for guests without social media accounts ☒

 Allow guests to log in to the hotspot using their email account. Guest will not be able to share you with friends but you can keep in touch with guests and let them know about upcoming promotions.

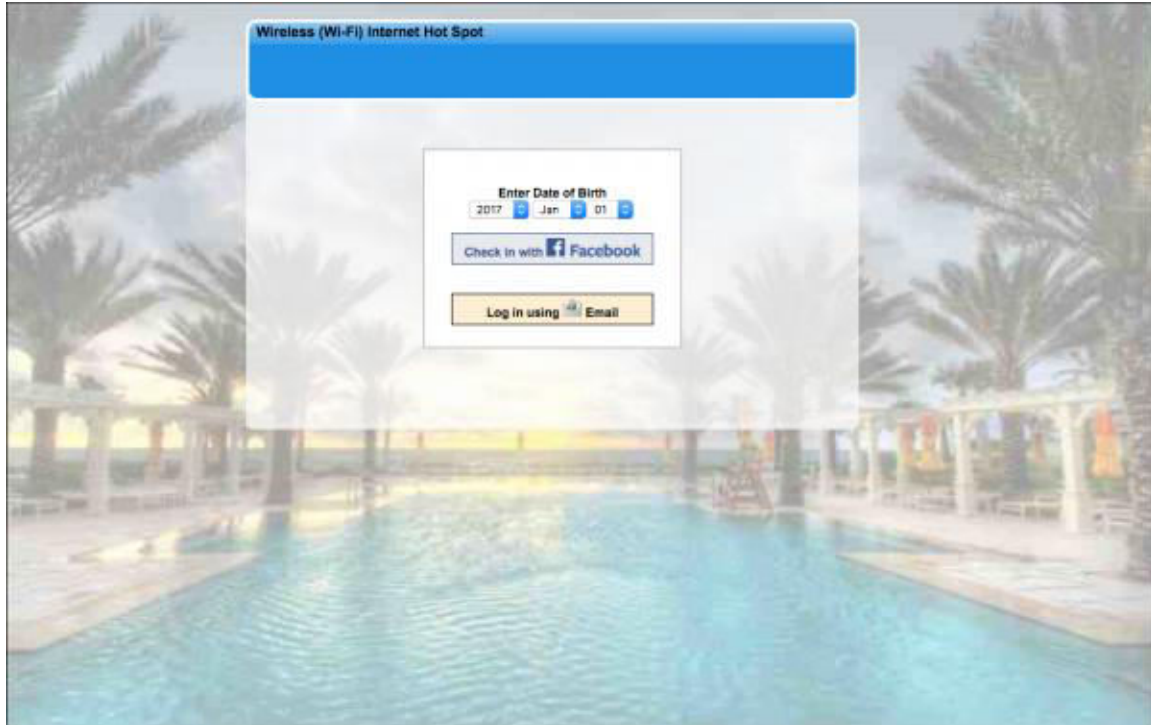
You need to [enable email](#) and check that you can send out a test email message to yourself.

Email address: e.g. me@my-business.com

Email subject: e.g. Email collected from My Burger Bar Hotspot

Filter content based on age (Requires Content Filtering to be Enabled) ☐


When the user logs in to Facebook™ their username, name and any provided Date of Birth is displayed on the [Usage Report](#) page. If a user chooses to use their e-mail address then their name and e-mail are recorded instead of there Facebook™ details.



Facebook recently updated their rules for the use of their hotspot login API, now they require that anyone using the service must have a secure website (https://). A domain name and a corresponding security certificate will need to be purchased. You have to create a website which Facebook will check, then put that domain name into the HOSTNAME together with a security key. Once this is done, you can configure the Facebook login using your URL.

Unlimited Access

The Unlimited Access mode the user has to agree to the terms and conditions of use. You can set a timer to determine how long users are permitted access to the Internet.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
 Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾


Login settings

- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type: Unlimited access (Agree to disclaimer)

Your business site: http://
 Or  Facebook page

☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: 60 Time in minutes, set to 0 to disable
 Log off inactive users

Default login time: 0 Time in minutes, default (0) is 24h
 Unless set by code

Authentication type: MAC and IP address (default)

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

☒ Use wizard: *Use the **wizard** to set up the login page*

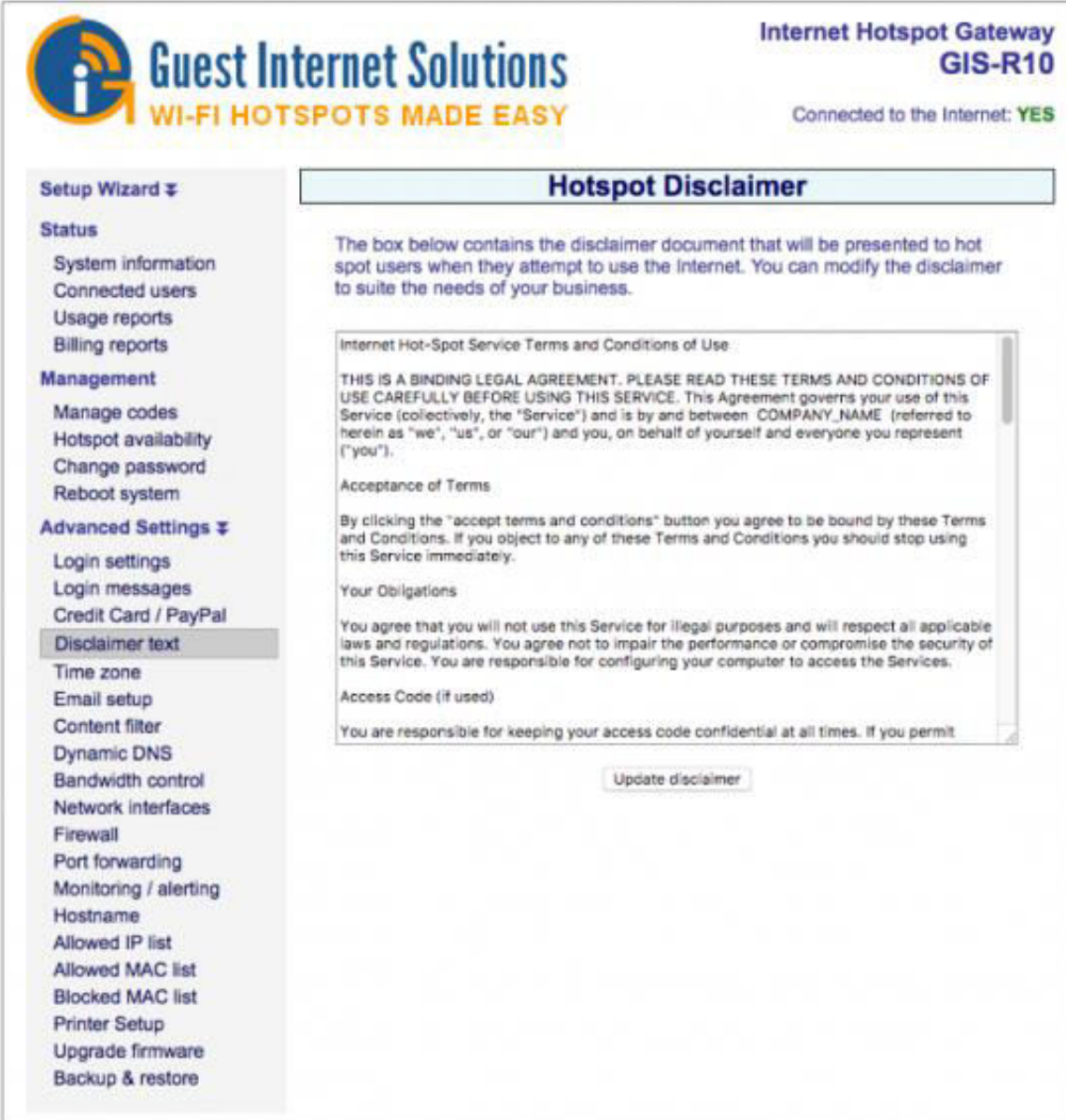
☐ Custom background: Choose file No file chosen
 Background image must be a JPEG, max size is 195kb
 Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☐ Custom login page: Choose file No file chosen
 ZIP archive, see manual for details, max size is 195kb

WARNING: All hotspot users will be logged out when settings are changed

Change settings

The legal disclaimer can be customized on the Admin interface.



The screenshot displays the Guest Internet Solutions Admin interface. At the top left is the logo with the text "Guest Internet Solutions" and "WI-FI HOTSPOTS MADE EASY". At the top right, it says "Internet Hotspot Gateway GIS-R10" and "Connected to the Internet: YES". A left sidebar contains a "Setup Wizard" menu with options like Status, System information, Connected users, Usage reports, Billing reports, Management (Manage codes, Hotspot availability, Change password, Reboot system), and Advanced Settings (Login settings, Login messages, Credit Card / PayPal, Disclaimer text, Time zone, Email setup, Content filter, Dynamic DNS, Bandwidth control, Network interfaces, Firewall, Port forwarding, Monitoring / alerting, Hostname, Allowed IP list, Allowed MAC list, Blocked MAC list, Printer Setup, Upgrade firmware, Backup & restore). The "Disclaimer text" option is highlighted. The main content area is titled "Hotspot Disclaimer" and contains a text box with the following text:

The box below contains the disclaimer document that will be presented to hot spot users when they attempt to use the Internet. You can modify the disclaimer to suite the needs of your business.

Internet Hot-Spot Service Terms and Conditions of Use :

THIS IS A BINDING LEGAL AGREEMENT. PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SERVICE. This Agreement governs your use of this Service (collectively, the "Service") and is by and between COMPANY_NAME (referred to herein as "we", "us", or "our") and you, on behalf of yourself and everyone you represent ("you").

Acceptance of Terms

By clicking the "accept terms and conditions" button you agree to be bound by these Terms and Conditions. If you object to any of these Terms and Conditions you should stop using this Service immediately.

Your Obligations

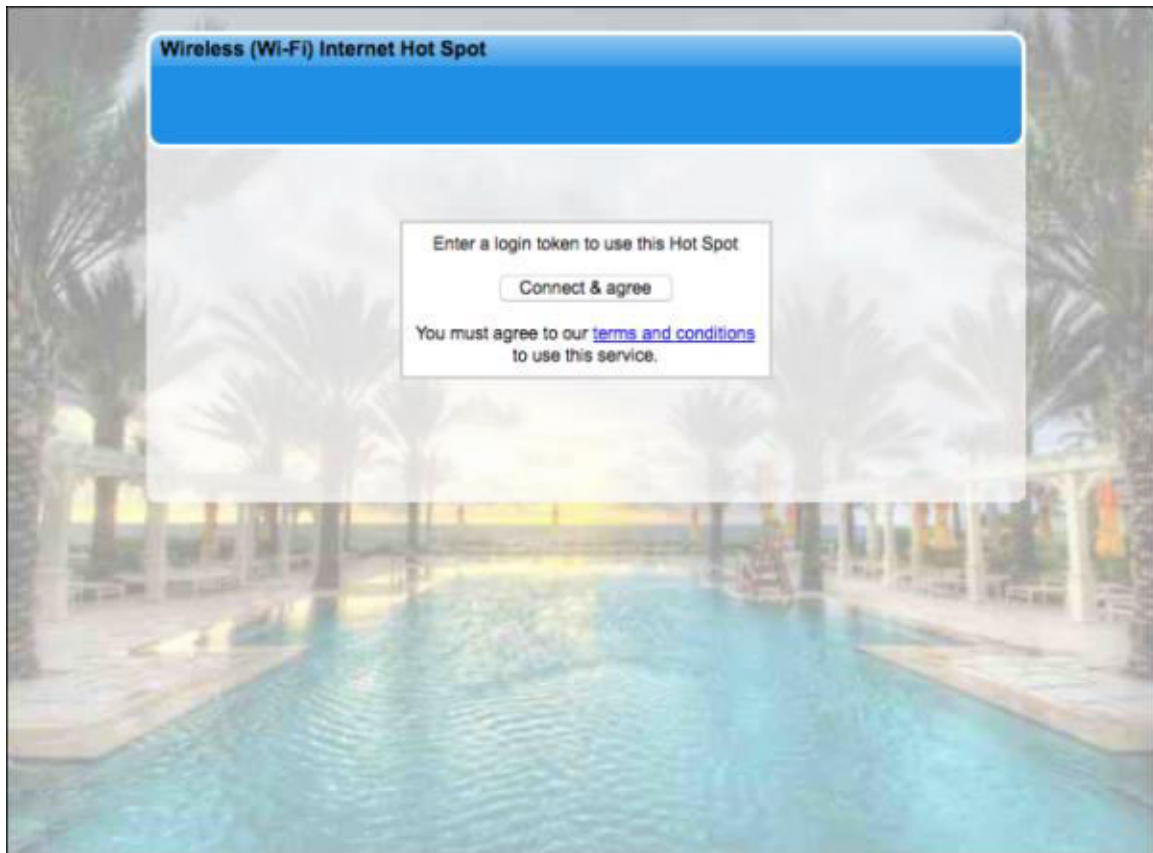
You agree that you will not use this Service for illegal purposes and will respect all applicable laws and regulations. You agree not to impair the performance or compromise the security of this Service. You are responsible for configuring your computer to access the Services.

Access Code (if used)

You are responsible for keeping your access code confidential at all times. If you permit

Below the text box is an "Update disclaimer" button.

The login page:



Edit Disclaimer

The terms and conditions of use is a document contained within the Guest Internet unit that was drafted by a legal team to remove liability from the Internet service provider in the case that the guest is using the network for illegal purposes, such as downloading copyrighted material.

The disclaimer is based on Federal laws, however each state, county and municipality can also draft laws regarding the use of the Internet.

Customers outside the United States may require a completely different document.

By clicking on the Disclaimer text menu option an editing window opens that permits any part of the disclaimer document to be modified. The company name has already been set to the name of your business entered during the wizard setup process. Additional clauses can also be added to the document.



The screenshot displays the web interface of the Guest Internet Solutions Internet Hotspot Gateway (GIS-R10). The top header includes the company logo and name, the model number GIS-R10, and a status indicator showing 'Connected to the Internet: YES'. A left-hand navigation menu lists various setup and management options, with 'Disclaimer text' currently selected. The main content area is titled 'Hotspot Disclaimer' and contains instructions for editing the disclaimer. It features a text area with the following text:

Internet Hot-Spot Service Terms and Conditions of Use:

THIS IS A BINDING LEGAL AGREEMENT. PLEASE READ THESE TERMS AND CONDITIONS OF USE CAREFULLY BEFORE USING THIS SERVICE. This Agreement governs your use of this Service (collectively, the "Service") and is by and between COMPANY_NAME (referred to herein as "we", "us", or "our") and you, on behalf of yourself and everyone you represent ("you").

Acceptance of Terms

By clicking the "accept terms and conditions" button you agree to be bound by these Terms and Conditions. If you object to any of these Terms and Conditions you should stop using this Service immediately.

Your Obligations

You agree that you will not use this Service for illegal purposes and will respect all applicable laws and regulations. You agree not to impair the performance or compromise the security of this Service. You are responsible for configuring your computer to access the Services.


Access Code (if used)

You are responsible for keeping your access code confidential at all times. If you permit

Below the text area is an 'Update disclaimer' button.

Open Access

In the Open Access mode the login is done automatically, however all controls will still be applied to the user.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
 Connected to the Internet: YES

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system


Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type: Open access (No login page)

Your business site: http://
 Or  Facebook page

☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: 60 Time in minutes, set to 0 to disable
 Log off inactive users

Default login time: 0 Time in minutes, default (0) is 24h
 Unless set by code

Authentication type: MAC and IP address (default)

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

☒ Use wizard: Use the **wizard** to set up the login page

☐ Custom background: Choose file No file chosen
 Background image must be a JPEG, max size is 195kb
 Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☐ Custom login page: Choose file No file chosen
 ZIP archive, see manual for details, max size is 195kb

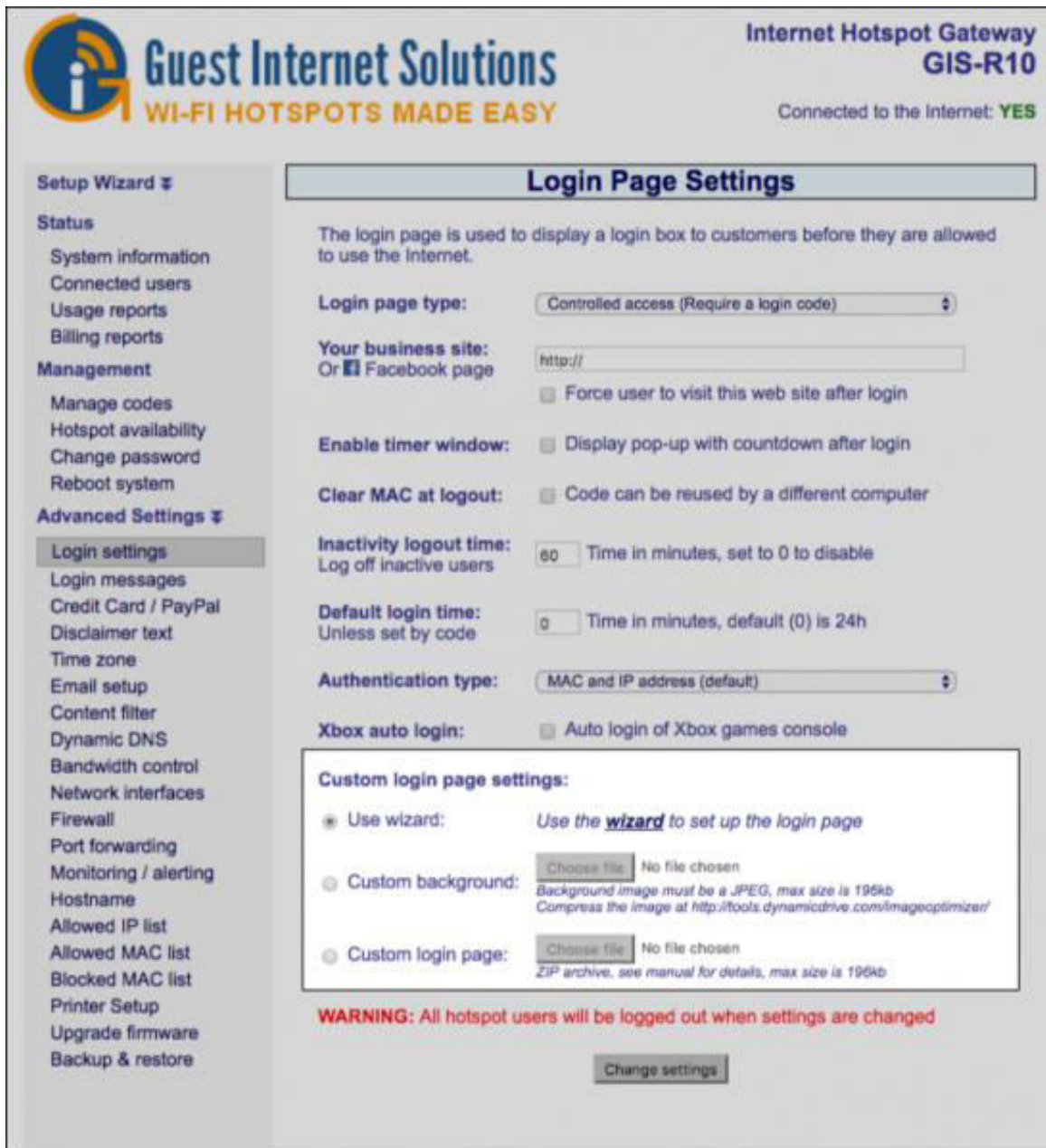
WARNING: All hotspot users will be logged out when settings are changed

Change settings

Custom Login Pages

The GIS units offer three custom login page options:

- [Wizard](#): select 1 of 12 backgrounds during the setup process
- [Custom background](#): upload a JPG image
- [Custom login page](#): login page using customised web page using HTML, JavaScript and CSS



Internet Hotspot Gateway GIS-R10
 Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type:

Your business site:
 Or ☐ Facebook page

☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: Time in minutes, set to 0 to disable
 Log off inactive users

Default login time: Time in minutes, default (0) is 24h
 Unless set by code

Authentication type:

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

☒ Use wizard: Use the **wizard** to set up the login page

☐ Custom background: No file chosen
 Background image must be a JPEG, max size is 195kb
 Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☐ Custom login page: No file chosen
 ZIP archive, see manual for details, max size is 195kb


WARNING: All hotspot users will be logged out when settings are changed

The login page can be changed at any time by logging in to the unit as admin and then clicking on the 'login settings' option.

Wizard

The wizard login page setup has 12 background options suitable for different businesses. A thumbnail picture of each login screen was shown during the wizard setup process.

Business Center	Church	Coffee Bar	Conference Room
Hotel	Library	Marina	Motel
Pool Area	Sports Bar	Resort	Restaurant



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

**Internet Hotspot Gateway
GIS-R10**

Connected to the Internet: **YES**

Setup Wizard ▾

- Introduction
- Test Internet access
- Configure hotspot
- Login page branding**
- Guest access control

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

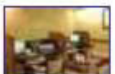
Advanced Settings ▾


Setup Wizard


START SETUP → Test Internet Access → Configure Hot Spot Settings → **Login Page Branding** → Guest Access Control → SETUP FINISH


LOGIN PAGE BRANDING: Generate the login page used by customers


Set login page background:



☐ Business center



☐ Church



☒ Coffee bar



☐ Conference



☐ Hotel



☐ Library



☐ Marina


☐ Motel


☐ Pool area


☐ Sports bar


☐ Resort


☐ Restaurant

☐ Custom background image (Uploaded via Login Settings Page)

A custom background image or login page can be added via the advanced login settings page after setup.

Enter business information to present to customers:

Business Name:
(max 40 characters)

test r10

Business Address:

Business City:

Business State:

Business Zip:

Business Phone:

Business Email:

Business Web Site:

http://

Custom Background

A login page custom background can be created in JPG format and uploaded using this feature. The image size should not exceed 196KB, however it should be made as small as possible so that the login page loads quickly for the user.



The screenshot shows the 'Login Page Settings' configuration page for the Guest Internet Solutions Internet Hotspot Gateway (GIS-R10). The interface includes a sidebar with navigation links and a main settings area. The sidebar has sections for 'Setup Wizard', 'Status', 'Management', and 'Advanced Settings'. The 'Advanced Settings' section is expanded, showing 'Login settings' as the active tab. The main settings area contains various options for configuring the login page, including login type, business site, timer window, MAC clearing, inactivity timeout, default login time, authentication type, Xbox auto login, and custom login page settings. A warning message at the bottom states: 'WARNING: All hotspot users will be logged out when settings are changed'. A 'Change settings' button is located at the bottom right.

Internet Hotspot Gateway GIS-R10
Connected to the Internet: **YES**

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type:

Your business site:
Or ☒ Facebook page

☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: Time in minutes, set to 0 to disable
Log off inactive users

Default login time: Time in minutes, default (0) is 24h
Unless set by code

Authentication type:

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

☐ Use wizard: Use the **wizard** to set up the login page

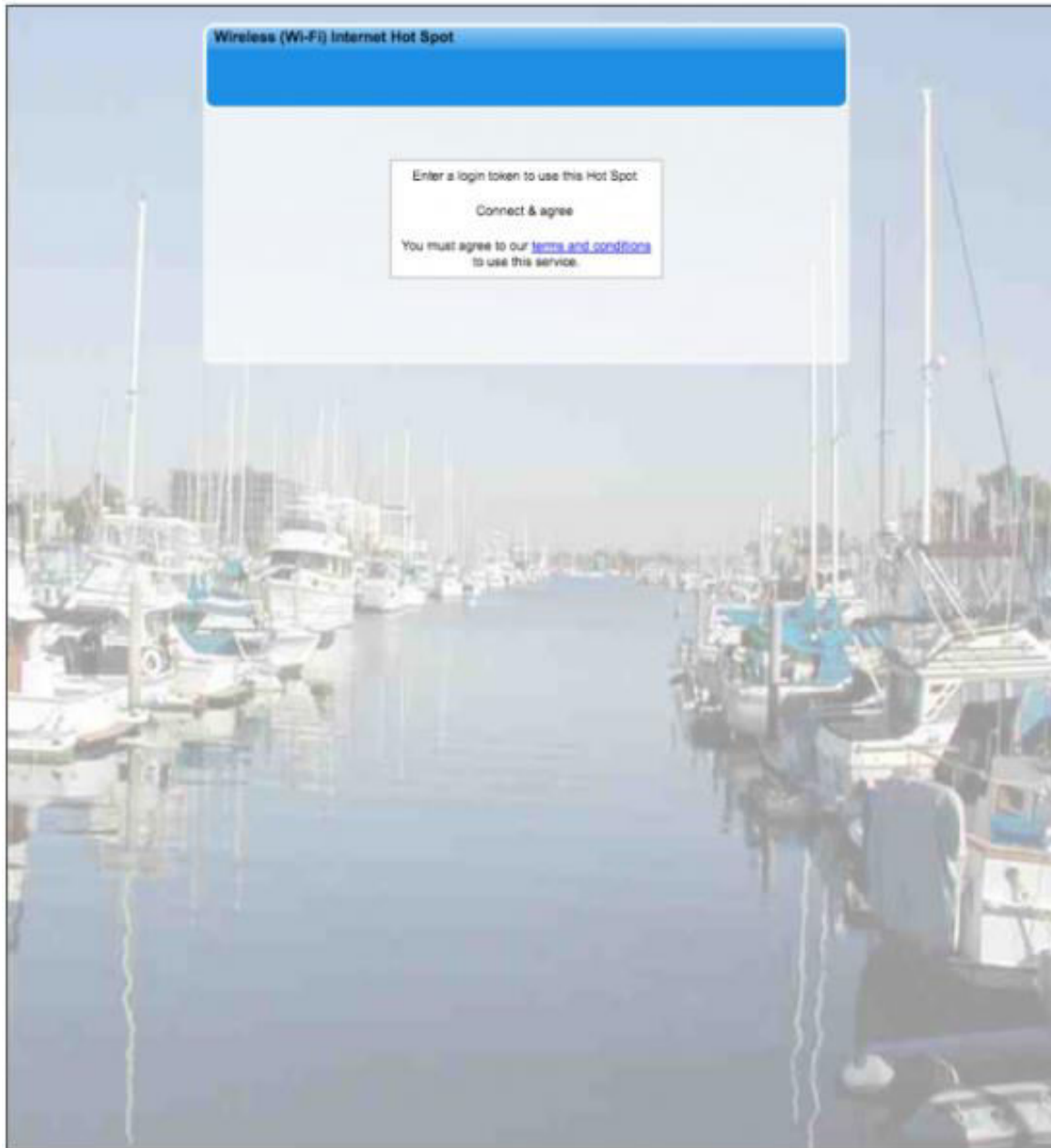
☒ Custom background: No file chosen
Background image must be a JPEG, max size is 196kb
Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☐ Custom login page: No file chosen
ZIP archive, see manual for details, max size is 196kb

WARNING: All hotspot users will be logged out when settings are changed

The background image will be placed behind the login information box and the image contrast will be reduced to highlight the information box.

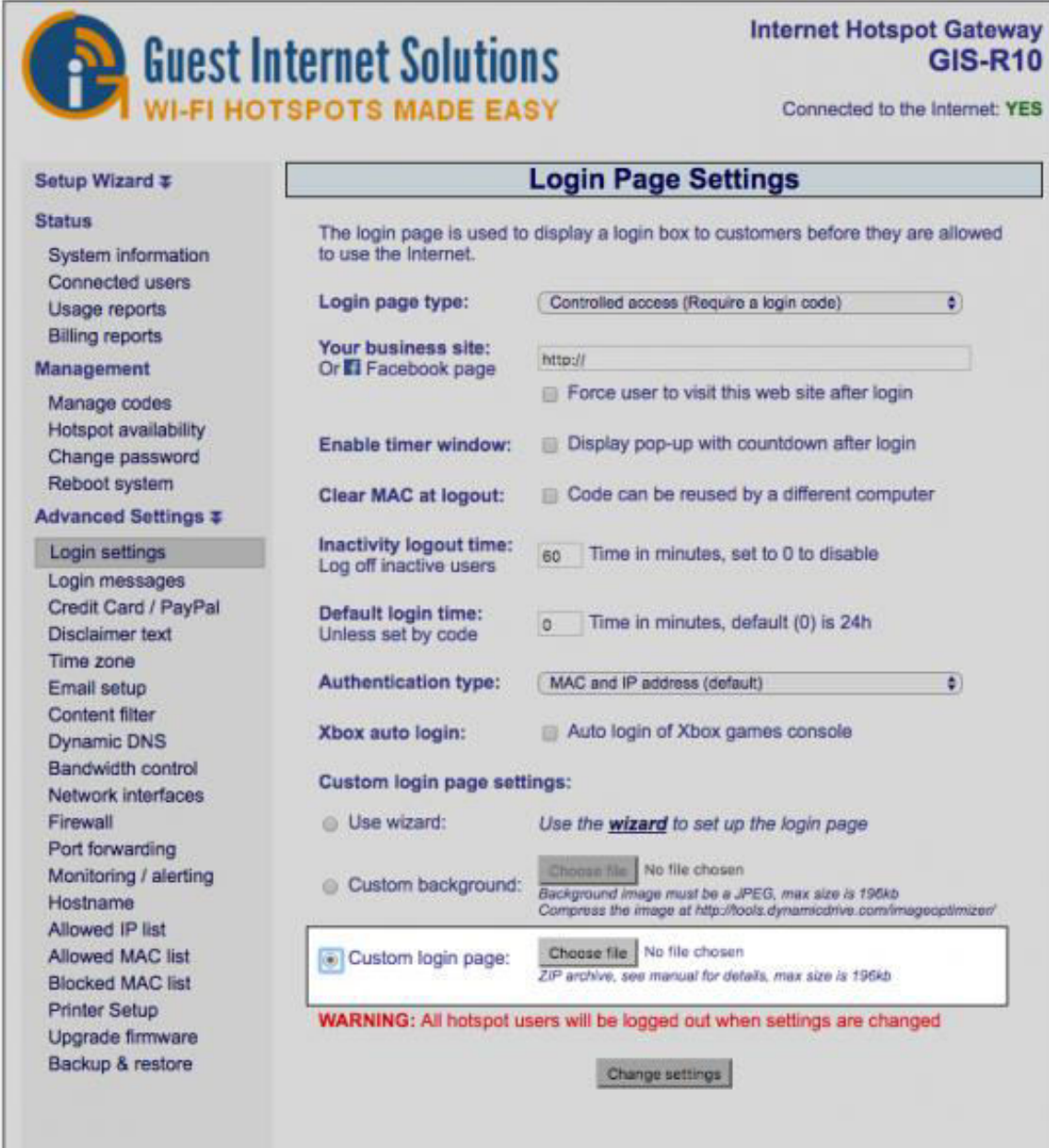
The image can be a composite photo plus logo prepared using an image editor.



Custom Login Page

A custom login page can be created using HTML.

The only requirement to create a login page is knowledge of programming using HTML, CSS and Javascript. Any web developer can create a login page, you can also contact us for an estimate value.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R10
Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system


Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type:

Your business site:
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☐ Force user to visit this web site after login

Enable timer window: ☐ Display pop-up with countdown after login

Clear MAC at logout: ☐ Code can be reused by a different computer

Inactivity logout time: Time in minutes, set to 0 to disable
Log off inactive users

Default login time: Time in minutes, default (0) is 24h
Unless set by code

Authentication type:

Xbox auto login: ☐ Auto login of Xbox games console

Custom login page settings:

☐ Use wizard: Use the **wizard** to set up the login page

☐ Custom background: No file chosen
Background image must be a JPEG, max size is 196kb
Compress the image at <http://tools.dynamicdrive.com/imageoptimizer/>

☒ Custom login page: No file chosen
ZIP archive, see manual for details, max size is 196kb

WARNING: All hotspot users will be logged out when settings are changed

The GIS units log in page can be completely customized including: logo, corporate identity, information about the hotspot or public Internet service and advertising banners.

The login page is uploaded to the gateway as a single zip file, no more than 196KB when compressed.

The zip file needs to contain a file called '**login.html**' (all lower case, be careful not to call the file Login.html), it can also contain any other files including: images, HTML, CSS, JavaScript etc.

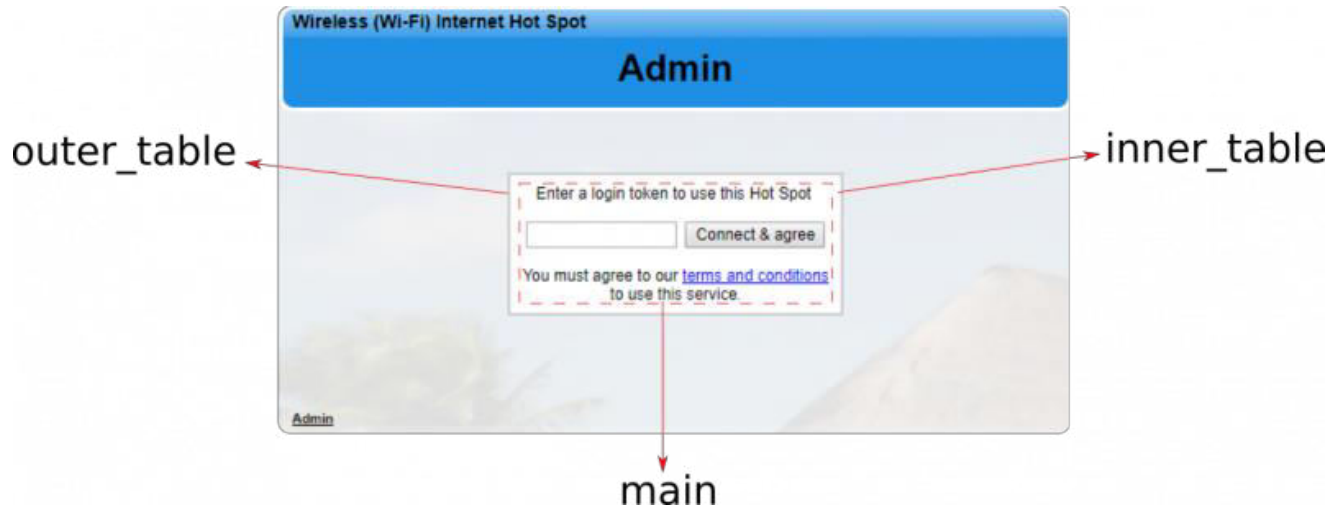
The login.html file must include the text shown below to locate the login box on the page.

<!--LOGIN-->

Login page sample designs can be downloaded from the [Login Page Templates](#) page.

CSS IDs

To customize the login box, there are a few CSS IDs that you need to use:



outer_table is the grey line around the login box.

inner_table is the background of the login box.

main is the most important, as all the login box codes are held within this, so can be used to select login box elements with CSS for example:

```
#main input[name="data1"]{}
```



social_form is for use when using facebook to select the buttons.

facebook_button_initial is the Facebook button.

fbchkintxt is the text within the Facebook button.

email_button_initial is the email button.

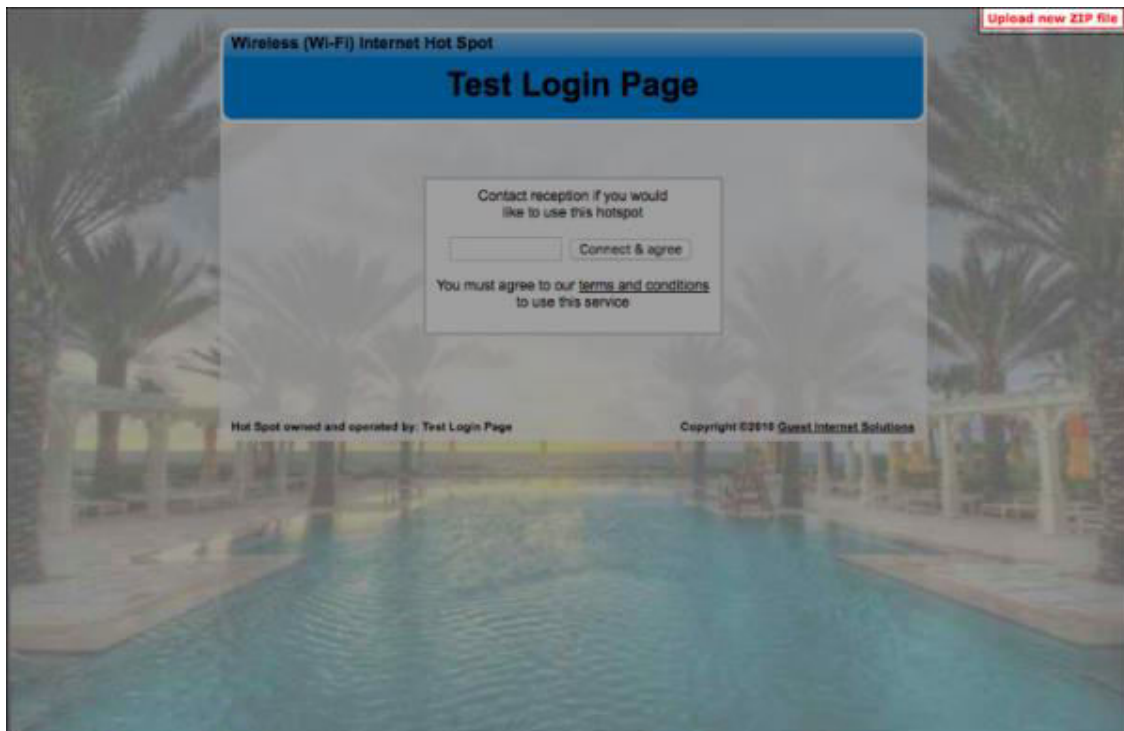
emchkintxt is the text within the email button.

showemail is the box in which the email inputs are shown (Name and Email) when using the facebook login alternative.

Simulator for testing new login pages

In order to test your login.zip file we have a server application that will emulate a gateway. If you upload your login.zip to this application first then you'll get feedback about any issues. To access the application click [here](#)

User: test Password: logintest



When you log in you will see a red box in the top right hand corner, click on this box and you will be able to upload your login.zip file for test.

If there is a problem with your zip file the simulator will tell you, otherwise it will display the page with the login box.

When your login page has been tested you can login to the gateway admin page, click on ADVANCED SETTINGS and then click on LOGIN SETTINGS. The last option in the list is CUSTOM LOGIN PAGE. Use this option to upload your zip file.

Login Page Templates

We offer a range of free templates that can be uploaded to your GIS unit and be used in any [Login Page Type](#).

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/loginpagetype>

Choose below the layout that best suits your business, download it and edit the information needed with basic HTML and CSS:



Download template [here](#)

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/basic.zip>



Download template [here](#)

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/pattern.zip>



Download template [here](#)

https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/pink_spa.zip



Download template [here](#)

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/relax.zip>



Download template [here](#)

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/science.zip>



Download template [here](#)

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/water.zip>



Download multilingual template [here](#)

<https://www.guest-internet.com/docs/en/admininterface/advanced/loginsettings/customloginpages/customloginpage/templates/multilanguage.zip>

Login Messages

All messages displayed on the login pages can be modified.



Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard ▾	Login Page Messages
Status System information Connected users Usage reports Billing reports Management Manage codes Hotspot availability Change password Reboot system Advanced Settings ▾ Login settings Login messages Credit Card / PayPal Disclaimer text Time zone Email setup Content filter Dynamic DNS Bandwidth control Network interfaces Wireless settings Firewall Port forwarding Monitoring / alerting Hostname Allowed IP list Blocked IP list Allowed MAC list Blocked MAC list Printer Setup Upgrade firmware Backup & restore Cloud Management	<p>The login page is used to display a login box to customers before they are allowed to use the Internet. The following messages will be displayed to the customer.</p> <p>Access Message: Displayed at login (HTML may be used)</p> <p>Access Message: Login button text</p> <p>Access Message: Terms of usage text (HTML may be used)</p> <p>Access Message: Hotspot disabled (HTML may be used)</p> <p>Access Message: Facebook check in (HTML may be used)</p> <p>Access Message: Facebook Redirect Message (HTML may be used)</p> <p>Access Message: Email log in (HTML may be used)</p> <p>Login Message: Use Internet button</p> <p>Login Message: Use Internet text (HTML may be used)</p> <p>Logout Message: When login expires (HTML may be used)</p> <p>Logout Message: Logout button text</p> <p>Timer Message: Timer window text (HTML may be used)</p> <p>Timer Message: Timer window logout (HTML may be used)</p> <p>MAC Message: Allowed MAC Message (HTML may be used)</p> <p>Logout Message: Text after logout (HTML may be used)</p> <p>Logout Message: Close timer window</p> <p>Error Message: When no Internet (HTML may be used)</p> <p>Error Message: When MAC is blocked (HTML may be used)</p> <p>Error Message: When IP is blocked (HTML may be used)</p> <p>Error Message: Blocked due to P2P (HTML may be used)</p> <p>Error Message: Other problem (HTML may be used)</p> <p>Error Message: Login code invalid (HTML may be used)</p> <p>Error Message: Login code in use (HTML may be used)</p> <p>Error Message: Code limit exceeded (HTML may be used)</p> <p>Error Message: Login code expired (HTML may be used)</p> <p>Error Message: Login text box empty</p> <p>Error Message: Login email invalid</p> <p>Change settings</p>

Other than a great way to promote your company, this is very useful if the hotspot is being setup in a non-English speaking country permitting interaction with the users to be in the native language.

Access Message 1: When the [Controlled Access](#) mode is selected this message is displayed in the login box shown on the login page.

Access Message 2: This message appears on the button in the login box.

Access Message 3: When the [Unlimited Access](#) mode is selected this message is displayed in the login box shown on the login page.

Access Message 4: When the [Hotspot Availability](#) mode is enabled this message is displayed in the login box shown on the login page when the hotspot is inactive.

Access Message 5: When the [Social Media](#) mode is selected this message is displayed in the login box shown on the login page.

Access Message 6: This message is displayed when redirecting to Facebook™.

Access Message 7: When the [Registered Access](#) mode is selected this message is displayed in the login box shown on the login page.

Login Message 1: This message is displayed on the button after the Access Code has been successfully entered.

Login Message 2: This message is displayed below the button with the Login Message 1.

Logout Message 1: This message is displayed in the timer box when the Access Code time has expired.

Logout Message 2: This message is located inside the button of the timer box.

Timer Message 1: This message is shown at the top of the timer box.

Timer Message 2: This message is shown at the lower part of the timer box.

MAC Message: This message is shown to users that are on the [allowed MAC list](#).

Logout Message 3: This message is shown in the timer box after logout.

Logout Message 4: This message is shown at the lower part of the timer box after logout.

Error Message 1: This message is displayed in the login box when there is no Internet connection.

Error Message 2: This message is displayed in the login box when the user has been blocked due to violation.

Error Message 3: This message is displayed in the login box when the web site the user is trying to access has been blocked.

Error Message 4: This message is displayed in the login box when the user has been blocked due to the use of file sharing software.

Error Message 5: This message is displayed in the login box when an operational error has been detected.

Error Message 6: This message is displayed in the login box when the access code is not valid.

Error Message 7: This message is displayed in the login box when the access code is in used.

Error Message 8: This message is displayed in the login box when the access code has exceeded its limit.

Error Message 9: This message is displayed in the login box when the access code expired.

Error Message 10: This message is displayed in the login box when the login text box is empty.

Error Message 11: This message is displayed in the login box when the email address provided by the user is invalid.

Credit Card / PayPal™

The credit card billing feature allows you to sell Internet access by charging your customers' credit card.

The feature requires you to have a valid business account with PayPal™, a personal account cannot be used to charge credit cards.

Your customers **do not** need to have a PayPal™ account, they can pay with credit card.

Before continuing with the billing setup you need to configure the [Email Setup](#).


In order to comply with [PCI DSS \(Payment Card Industry Data Security Standards\)](#) directives, GIS products do not store any part of the credit card information provided by the user.

A log is maintained that has a transaction ID. If you need additional information it is necessary to log into your PayPal™ business account and use the transaction ID to obtain additional information about the transaction.

Guest Internet Solutions does not make any additional charge for credit card processing.

The GIS gateway functions identically to a Point of Sale (PoS) terminal. Credit card charges are the sole responsibility of the hotspot operator, who is referred to as the 'merchant' in all transactions.

Currently this feature is available in all of our product models, except GIS-R2.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
 Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management


- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings
- Login messages
- Credit Card / PayPal**
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Credit Card and PayPal Payments

PayPal can be used to charge for Internet access. Users can pay with their PayPal account or a credit card, users do not need a PayPal account to use a credit card.



In order to set up credit card payments you must open a **PayPal Business** account and obtain some API credentials. There is no cost to open a business account but PayPal will charge a commission on every transaction.

Click to open a **PayPal Business** account and see transaction charges.

To create an API signature with your PayPal Business account:

1. Log in to PayPal, then click **Profile** under **My Account**.
2. Click **My selling tools**.
3. Click **API Access**.
4. Click **Request API Credentials**.
5. Check **Request API signature** and click **Agree and Submit**.

A hotspot owner name, email address and SMTP server must be set up if you want to receive customer and payment details, please set this up via the **Email setup** page. Customer details are not stored on this device.

Enable PayPal payments: ☐

PayPal Business account and API settings: *Provided by PayPal*

PayPal API Username:

PayPal API Password:

PayPal API Signature:

Payment Currency:

Payment Limits:

Payment Message:
In drop-down box

Payment Options:	Time:	Cost:
Select the times and costs to offer to customers	<input type="text"/>	0.00
	<input type="text"/>	0.00
	<input type="text"/>	0.00
Download data and speed limits can also be provided	<input type="text"/>	0.00
	<input type="text"/>	0.00
Default data and speed limits will be used if not set here	<input type="text"/>	0.00
	<input type="text"/>	0.00
A receipt and login code will be emailed to the customer after login	<input type="text"/>	0.00
	<input type="text"/>	0.00
Code will only be created after a successful payment		

Code usage: Users / devices sharing a code

Purchase Prompt:
(HTML may be used)

Purchase token with PayPal™:

Purchase Message:
(HTML may be used)

Payments can be made with either a Credit Card or a PayPal™ account. Time cannot be paused (saved)

Cancel Message:
(HTML may be used)

billed.

Double Bill Message:
(HTML may be used)

A login code purchased with your account less than an hour ago has not yet been used. Your code is

Success Message:
(HTML may be used)

Thank you, your account has been billed. A confirmation email has been sent to the address you

Login Message:
(HTML may be used)

Log in using code

Cust Email Subject: Confirmation of Hotspot payment using PayPal

Customer Email:

%c = Code
%v = Value
%d = Transaction ID
%d = Date

Thank you for using our hotspot.
Your login code is: %c
Details of payment:
Value: %v

Owner Email Subject: Confirmation of Hotspot payment using PayPal

Owner Email:

%c = Code
%v = Value
%d = Transaction ID
%n = Customer Name
%e = Customer Email
%d = Date
%h = Hotspot ID

A payment has been made using PayPal, the details are as follows:
Hotspot ID: %h
Customer Name: %n
Customer Email: %e

Receive Error Emails: ☐ With details of transaction & payment issues

Email settings must be updated before emails can be delivered

WARNING: All hotspot users will be logged out when settings are changed

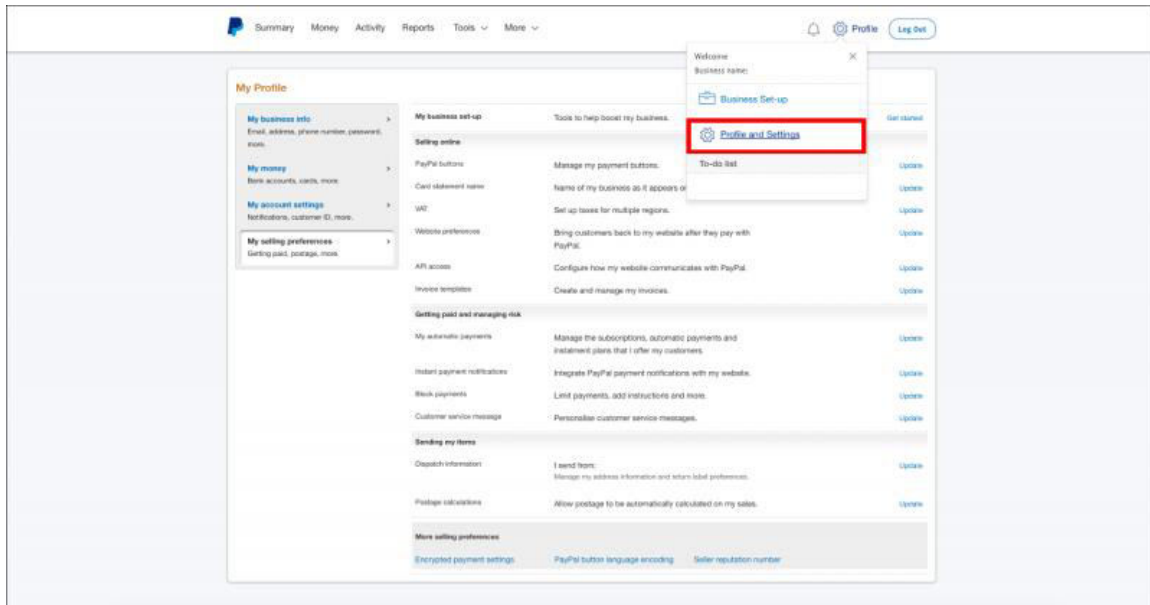
[Change settings](#)

The PayPal name and the PayPal logo are registered trademarks of PayPal, Inc.

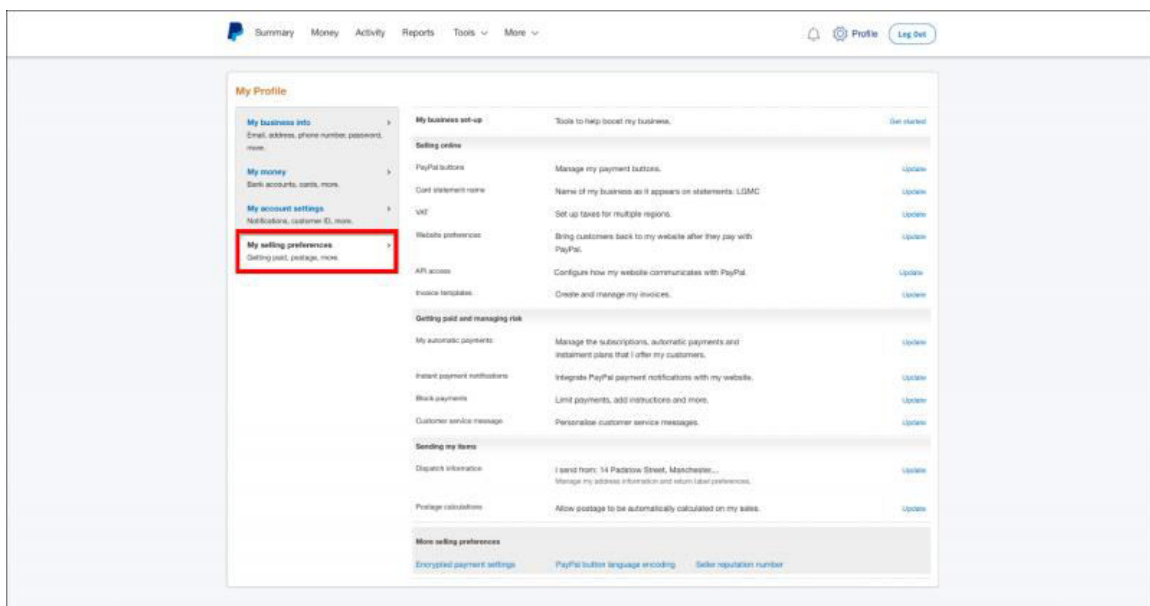
PayPal™ Setup: Step 1:

Creating an API signature with your PayPal™ Business account:

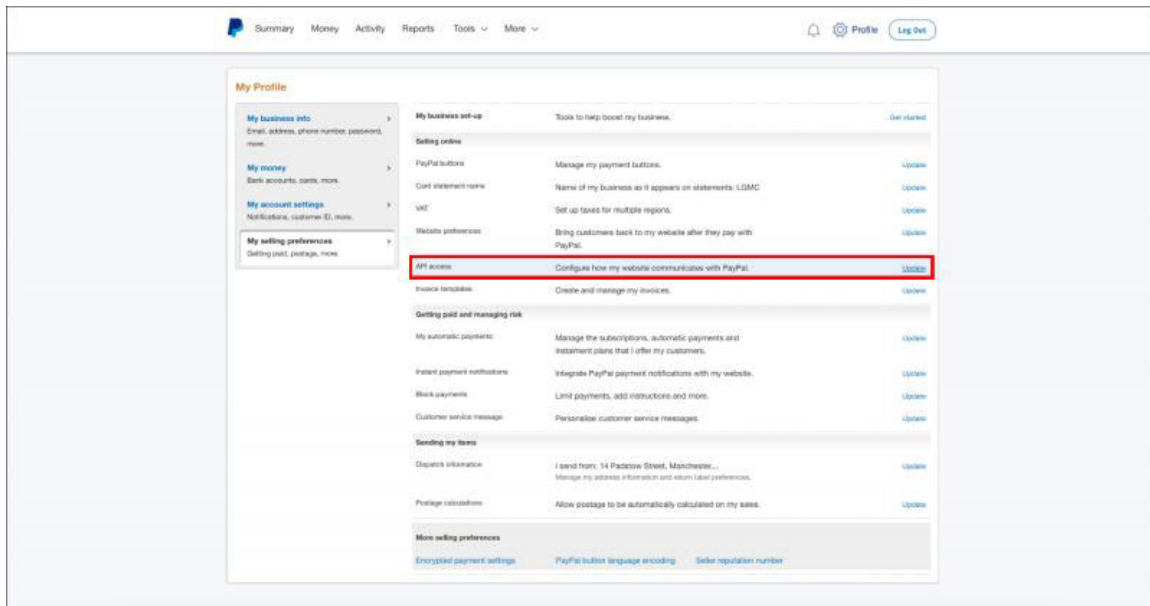
1. Log in to your PayPal™ account, then click **Profile and Settings**



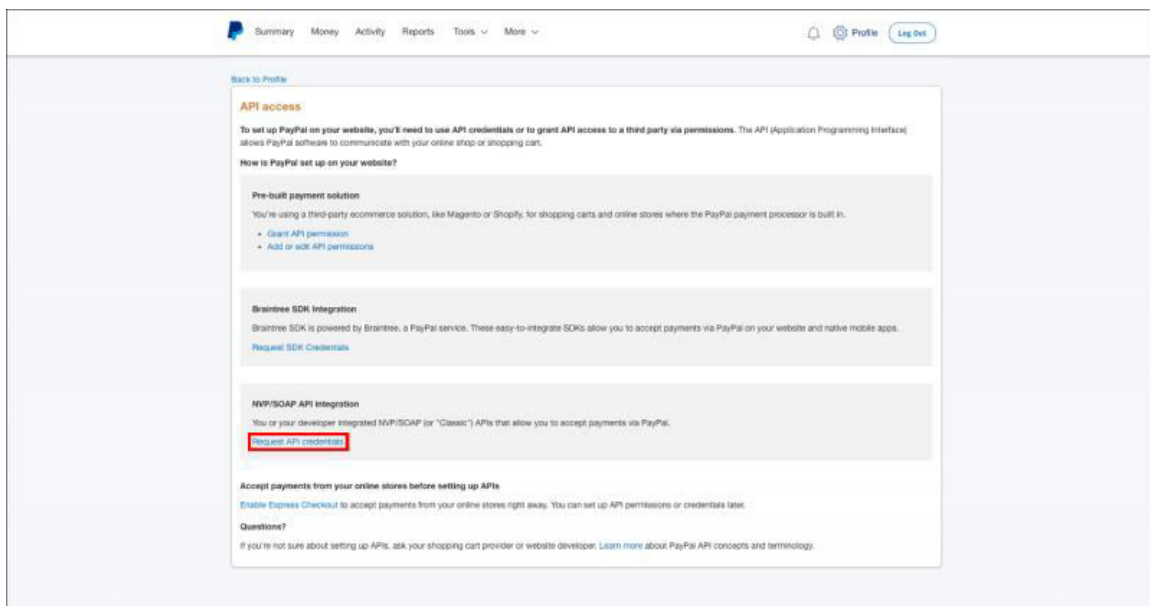
2. Click **My selling preferences**



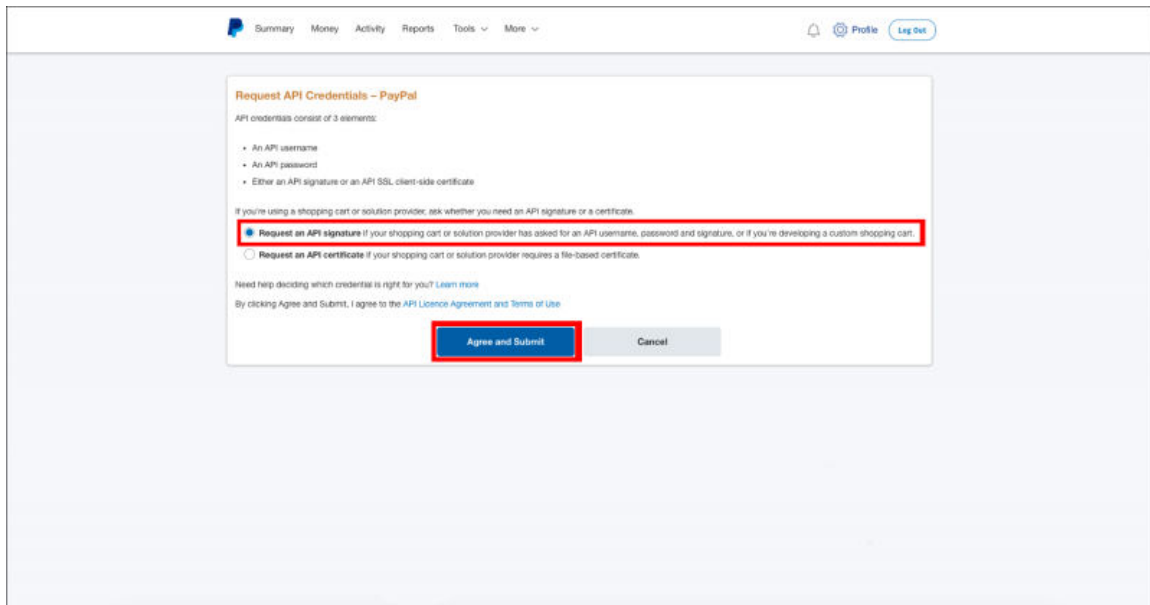
3. Click **API access**



4. Under **NVP/SOAP API integration** click **Request API credentials**



5. Select **Request API signature** and click **Agree and Submit**



Request API Credentials – PayPal

API credentials consist of 3 elements:

- An API username
- An API password
- Either an API signature or an API SSL client-side certificate

If you're using a shopping cart or solution provider, ask whether you need an API signature or a certificate.

☒ **Request an API signature** if your shopping cart or solution provider has asked for an API username, password and signature, or if you're developing a custom shopping cart.

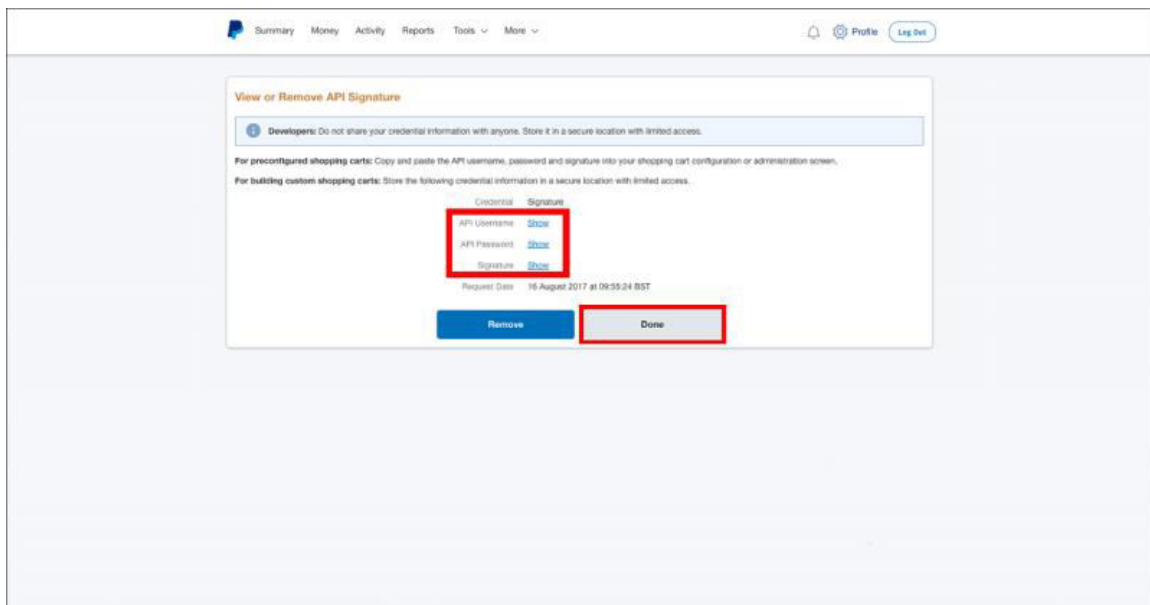
☐ **Request an API certificate** if your shopping cart or solution provider requires a file-based certificate.

Need help deciding which credential is right for you? [Learn more](#)

By clicking Agree and Submit, I agree to the [API Licence Agreement](#) and [Terms of Use](#)

Agree and Submit Cancel

6. You can click **Show** to see your API Username, API Password and Signature. Click **Done** to save the API signature



View or Remove API Signature

Developers: Do not share your credential information with anyone. Store it in a secure location with limited access.

For preconfigured shopping carts: Copy and paste the API username, password and signature into your shopping cart configuration or administration screen.

For building custom shopping carts: Store the following credential information in a secure location with limited access.

Credential	Signature
API Username	Show
API Password	Show
Signature	Show

Request Date: 16 August 2017 at 09:55:24 BST

Remove **Done**

A hotspot owner name and email address must be configured for PayPal™ credit card billing to work.

The email must be configured and tested via the [Email Setup](#) page before the PayPal™ credit card processing is configured.

PayPal™ Setup: Step 2:

Go to the Credit Card/PayPal section of your admin interface:

- Check the **Enable PayPal payments** checkbox.
- The **PayPal Business account and API settings** section must be filled with the information acquired on **Step 1**
- Select the currency you want to use on the **Payment Currency** drop down menu
- Select how you want to set limits (time, data or speed) on the **Payment Limits** drop down menu
- **Payment Message** is the message the guest is going to see on the login page, before selecting a option
- **Payment Options:** enter up to ten (time,data or speed and cost) parameters using the drop down menu. These are the Internet access packages that will be offered to users.
- The **Code usage** option allows you to select how many users or devices are permitted to use the code.

The boxes below the payment settings are the messages shown on the user's computer screen to indicate success or failure of the purchase.

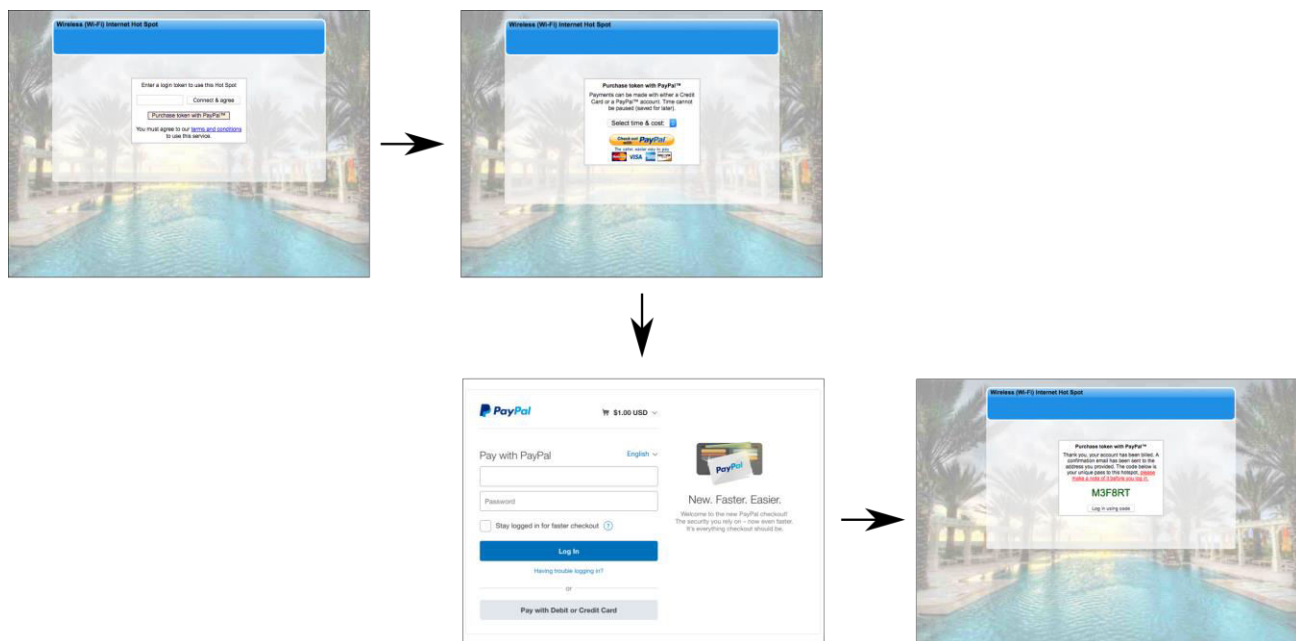
Two message boxes at the bottom of the page show the format of the messages sent to the hotspot user and to you. Take care if changing these messages.

There is a final check box **Receive Error Emails:**

When a transaction does **not** complete then it is not necessary to receive a message about this in most cases. However you might wish to be notified when an error condition occurs, for example if the credit card is declined. The purchaser will also receive an email notification.

A complete transaction record is provided by the PayPal™ business account, and the information can be downloaded and imported into popular accounting programs.

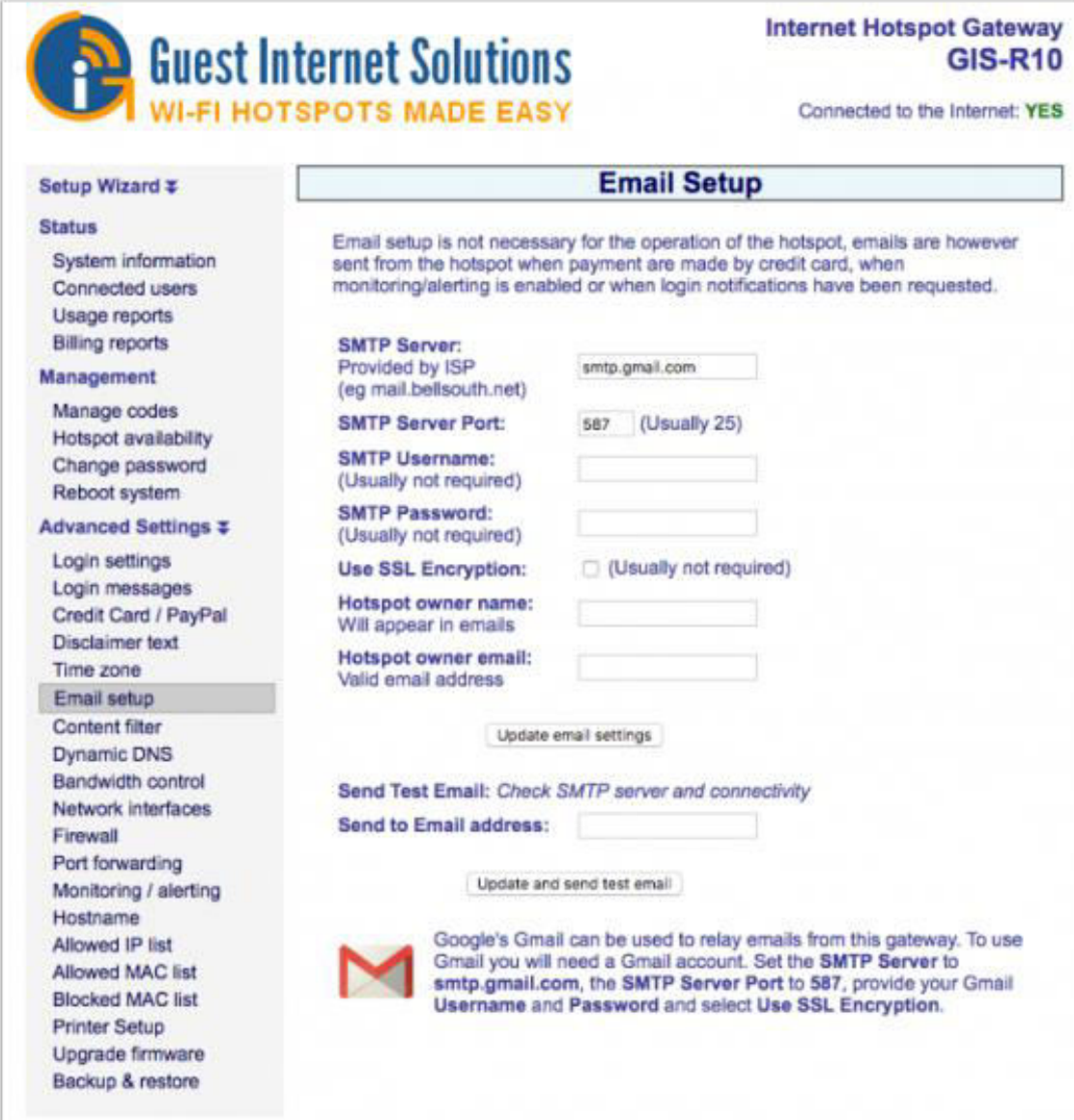
The GIS gateway also stores a report summary in the section [Billing Reports](#).



Email Setup

The Email server permits sending messages to the Hotspot owner. The Monitoring and alerting feature can send a failure message to the Hotspot owner. Some login options can send user information to the Hotspot owner.

The Email server can be configured to use the SMTP server that is provided by the ISP.



The screenshot shows the 'Email Setup' page of the Guest Internet Solutions Web Interface. The page has a header with the logo and 'Internet Hotspot Gateway GIS-R10'. A status bar indicates 'Connected to the Internet: YES'. On the left is a 'Setup Wizard' sidebar with categories: Status, Management, and Advanced Settings. The 'Email setup' option is highlighted. The main content area is titled 'Email Setup' and contains a paragraph explaining that email setup is not necessary for operation but is used for payment notifications, monitoring/alerting, and login notifications. Below this are configuration fields for SMTP Server (smtp.gmail.com), SMTP Server Port (587), SMTP Username, SMTP Password, and a checkbox for 'Use SSL Encryption'. There are also fields for 'Hotspot owner name' and 'Hotspot owner email'. Buttons for 'Update email settings', 'Send Test Email: Check SMTP server and connectivity', and 'Update and send test email' are present. At the bottom, a note with a Gmail logo states that Google's Gmail can be used to relay emails, requiring a Gmail account and specific SMTP settings.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Email Setup

Email setup is not necessary for the operation of the hotspot, emails are however sent from the hotspot when payment are made by credit card, when monitoring/alerting is enabled or when login notifications have been requested.

SMTP Server:
Provided by ISP
(eg mail.bellsouth.net)

SMTP Server Port: 587 (Usually 25)

SMTP Username:
(Usually not required)

SMTP Password:
(Usually not required)

Use SSL Encryption: ☐ (Usually not required)

Hotspot owner name:
Will appear in emails

Hotspot owner email:
Valid email address

Update email settings

Send Test Email: Check SMTP server and connectivity

Send to Email address:

Update and send test email

Google's Gmail can be used to relay emails from this gateway. To use Gmail you will need a Gmail account. Set the **SMTP Server** to **smtp.gmail.com**, the **SMTP Server Port** to **587**, provide your Gmail **Username** and **Password** and select **Use SSL Encryption**.

Alternatively the Email server can use one of several different email services: Outlook, Gmail, AOL, and Hotmail.

Outlook

- **SMTP Server:** smtp-mail.outlook.com
- **SMTP server port:** 587
- **SMTP username:** your outlook email address

- **SMTP password:** outlook password
- **Use SSL Encryption:** Select
- **Hotspot owner name:** The name you want to appear in emails
- **Hotspot owner email:** Your email address

Gmail

- **SMTP Server:** smtp.gmail.com
 - **SMTP server port:** 587
 - **SMTP username:** your gmail email address (excluding @gmail.com)
 - **SMTP password:** your gmail password
 - **Use SSL Encryption:** Select
 - **Hotspot owner name:** The name you want to appear in emails
 - **Hotspot owner email:** Your email address
- If you receive error message 534 or similar you may need to allow access to less secure apps at the bottom of this page:
<https://myaccount.google.com/security?pli=1>
and unlock google captcha:
<https://accounts.google.com/displayunlockcaptcha>
If you have opted-in to 2-step, there is no longer a specific setting to "allow less secure apps". What you should look for is "App Passwords" found under Sign-in and Security settings here:
<https://security.google.com/settings/security/apppasswords>

Aol

- **SMTP Server:** smtp.aol.com
- **SMTP server port:** 587
- **SMTP username:** your aol email address
- **SMTP password:** your aol password
- **Use SSL Encryption:** Select
- **Hotspot owner name:** The name you want to appear in emails
- **Hotspot owner email:** Your email address

Windows Live Hotmail

- **SMTP Server:** smtp.live.com
- **SMTP server port:** 587
- **SMTP username:** your Windows Live Hotmail email address
- **SMTP password:** your Windows Live Hotmail password
- **Use SSL Encryption:** Select
- **Hotspot owner name:** The name you want to appear in emails
- **Hotspot owner email:** Your email address

If your email provider is not listed click [here](#).

Content Filter

Content filtering ensures that Internet surfing is family friendly.

Any attempt to access sites that have undesirable content (e.g. adult sites) for viewing in public places such as hotel lobbies, libraries or schools is blocked; providing the web sites are being viewed using domain names rather than IP addresses.

Guest Internet Solutions partners with a 3rd party content filtering service, OpenDNS, who maintains a current list of web sites to block.

For more information please go to the OpenDNS Website:

<http://www.opendns.com/>

Before the GIS content filtering service can be used an account must be created with OpenDNS.



The screenshot displays the web interface of the Internet Hotspot Gateway GIS-R10. The top header includes the Guest Internet Solutions logo and the text "WI-FI HOTSPOTS MADE EASY". On the right, it says "Internet Hotspot Gateway GIS-R10" and "Connected to the Internet: YES". A left sidebar contains a navigation menu with categories: Setup Wizard, Status, Management, and Advanced Settings. The "Content filter" option under Advanced Settings is highlighted. The main content area is titled "Content Filter" and contains text explaining that web content filtering is provided through the partner OpenDNS. It includes an OpenDNS logo and a paragraph stating that an OpenDNS account is required to use the service. Below this, there are input fields for "Enable OpenDNS" (a checkbox), "OpenDNS Username", and "OpenDNS Password", followed by an "Update Content Filter" button.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
Connected to the Internet: **YES**

Content Filter

Web content filtering is provided through our partner, **OpenDNS**. OpenDNS is the leading provider of free security and infrastructure services that make the Internet safer through integrated Web content filtering, anti-phishing and DNS. OpenDNS services enable consumers and network administrators to secure their networks from online threats, reduce costs and enforce Internet-use policies. OpenDNS is used by millions of users and organizations around the world.

In order to use this service you will need to open and set up an OpenDNS account. Please refer to our manual for detailed instructions on how to do this.

Enable OpenDNS: ☐

OpenDNS Username:

OpenDNS Password:

Setup Wizard

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter**
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

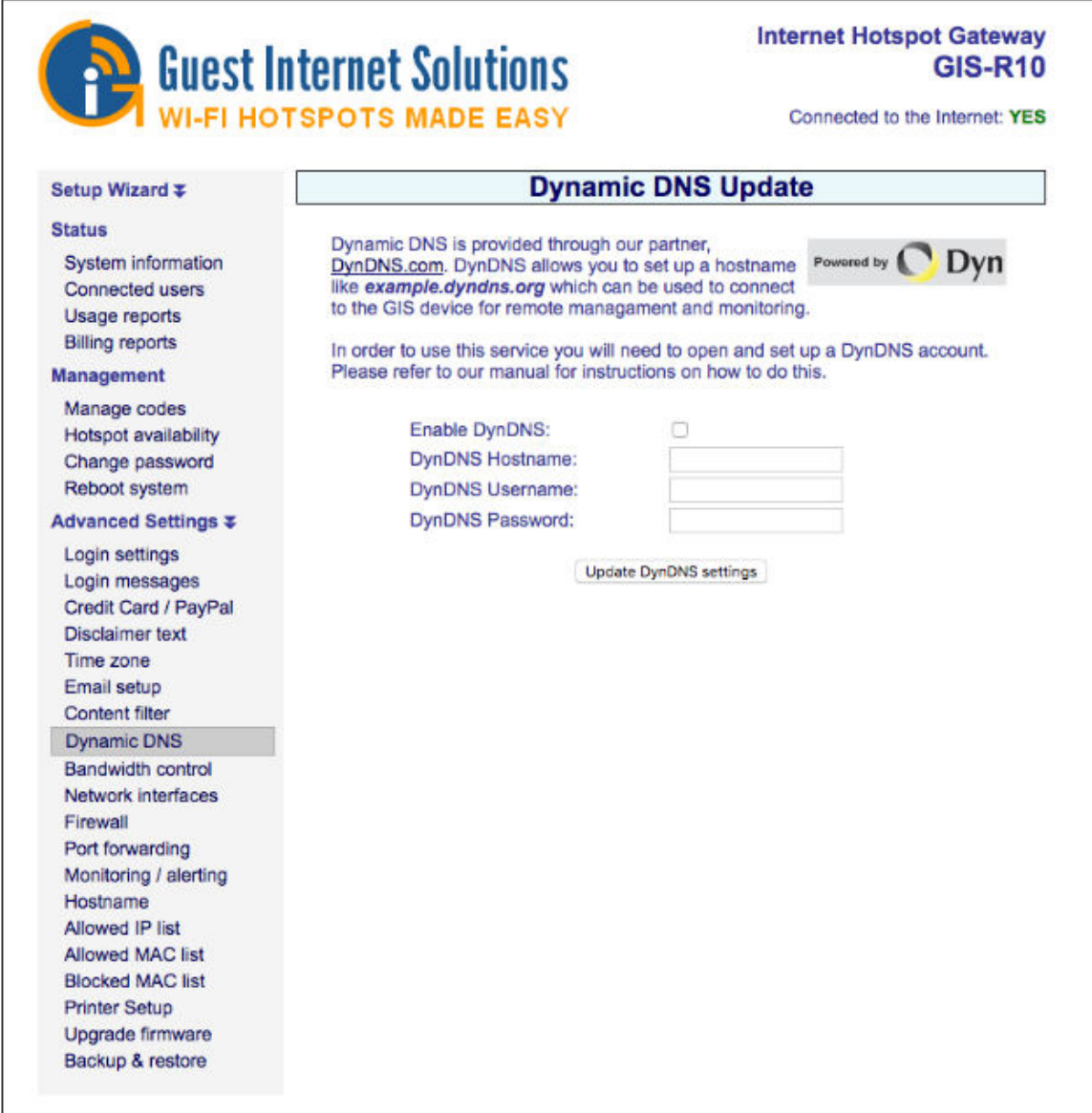
Dynamic DNS

The Dynamic DNS is used to access the gateway remotely when the DSL or Cable Internet service has a dynamic IP address setting.

The gateway is located using the services of DynDNS (<http://www.dyndns.com/>).

The Dynamic DNS setting requires an account with DynDNS. When the box is checked to enable the DynDNS the DynDNS hostname, username and password must be entered.

Subsequently, the DSL or cable router can be located using the hostname URL which is resolved to an IP using the DynDNS server.



The screenshot shows the web interface of the Guest Internet Solutions Internet Hotspot Gateway (GIS-R10). The page is titled "Dynamic DNS Update". On the left is a sidebar menu with categories: Setup Wizard, Status, Management, and Advanced Settings. The "Dynamic DNS" option under Advanced Settings is highlighted. The main content area explains that Dynamic DNS is provided through the partner DynDNS.com and includes a "Powered by Dyn" logo. It instructs users to open a DynDNS account and provides input fields for "Enable DynDNS" (a checkbox), "DynDNS Hostname", "DynDNS Username", and "DynDNS Password". An "Update DynDNS settings" button is at the bottom of the form.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R10

Connected to the Internet: **YES**

Dynamic DNS Update

Dynamic DNS is provided through our partner, [DynDNS.com](http://www.dyndns.com). DynDNS allows you to set up a hostname like **example.dyndns.org** which can be used to connect to the GIS device for remote management and monitoring.

Powered by **Dyn**

In order to use this service you will need to open and set up a DynDNS account. Please refer to our manual for instructions on how to do this.

Enable DynDNS: ☐

DynDNS Hostname:

DynDNS Username:

DynDNS Password:

Setup Wizard

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS**
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Bandwidth Control

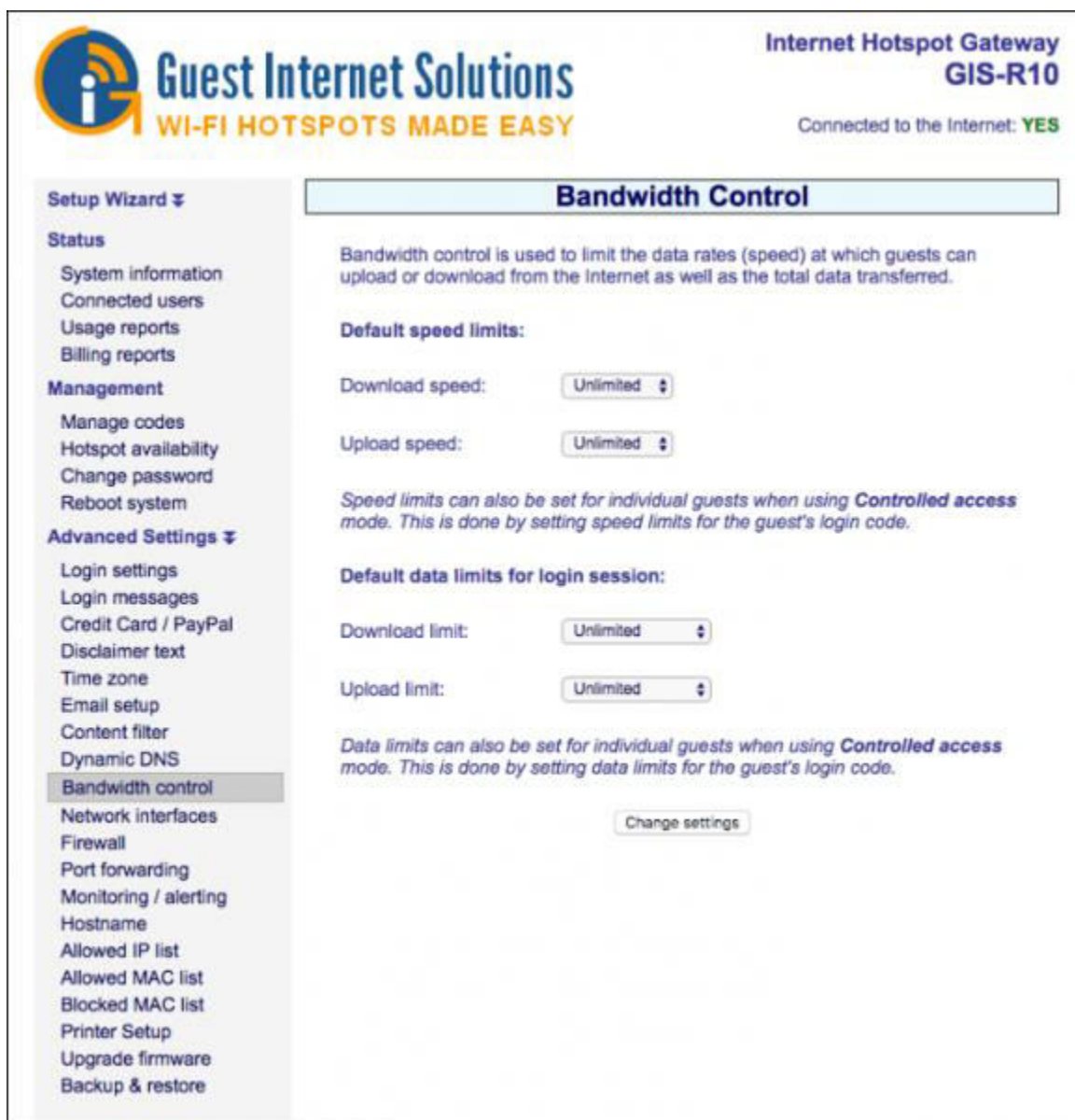
The bandwidth control prevents users with large bandwidth applications from slowing users who have low bandwidth applications by setting a maximum download and upload speed limit.

Both upload and download speed limits are required because Internet connection speeds vary with the download bandwidth available usually a higher than the upload bandwidth.

Both download and upload speeds are set by clicking on each dropdown menu and selecting the desired speeds. When the speeds have been selected then click on Change Settings for the new speeds to take effect.

If upload and download speed settings have been selected with the [Access Codes](#), then those speed settings will override the bandwidth settings on this page. This permits a slow free Internet service to be provided, while a charge can be made for a fast Internet service.

Similarly, if upload and download byte limits have been selected with the Access Codes, then those speed settings will override the bandwidth settings on this page.



The screenshot shows the 'Bandwidth Control' page of the Guest Internet Solutions web interface. The page has a header with the logo and 'Internet Hotspot Gateway GIS-R10' status. A left sidebar contains a 'Setup Wizard' menu with options like Status, Management, and Advanced Settings. The 'Bandwidth Control' section is active, showing default speed limits (both set to 'Unlimited') and default data limits (also set to 'Unlimited'). It includes explanatory text about controlled access mode and a 'Change settings' button.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard ▾

- Status
 - System information
 - Connected users
 - Usage reports
 - Billing reports
- Management
 - Manage codes
 - Hotspot availability
 - Change password
 - Reboot system
- Advanced Settings ▾
 - Login settings
 - Login messages
 - Credit Card / PayPal
 - Disclaimer text
 - Time zone
 - Email setup
 - Content filter
 - Dynamic DNS
 - Bandwidth control**
 - Network interfaces
 - Firewall
 - Port forwarding
 - Monitoring / alerting
 - Hostname
 - Allowed IP list
 - Allowed MAC list
 - Blocked MAC list
 - Printer Setup
 - Upgrade firmware
 - Backup & restore

Bandwidth Control

Bandwidth control is used to limit the data rates (speed) at which guests can upload or download from the Internet as well as the total data transferred.

Default speed limits:

Download speed:

Upload speed:

*Speed limits can also be set for individual guests when using **Controlled access** mode. This is done by setting speed limits for the guest's login code.*

Default data limits for login session:

Download limit:

Upload limit:

*Data limits can also be set for individual guests when using **Controlled access** mode. This is done by setting data limits for the guest's login code.*

Network Interface

Most network designs follow simple rules: the Internet router is a 'DHCP server' and all computers are 'DHCP clients'. Some networks however require special configurations.

Your Internet connection may require that all computers and network devices be configured with 'fixed IP addresses'.

The Network Interfaces menu option is selected to change the device configuration for non-standard networks.

When configuring the Guest Internet product for a non-standard network configuration, the help of a network specialist may be required, as there are many configuration options.

One mistake may prevent the Guest Internet product from functioning correctly. In the worst case a configuration mistake might prevent you from communicating with the Guest Internet products and you will be locked out. In this case the only course of action is to reset factory defaults and start again.

WAN



The screenshot shows the WAN configuration page. At the top, there are tabs for 'WAN' and 'LAN'. Below the tabs, there are two main sections: 'Use DHCP' and 'Uncheck for fixed IP'. The 'Use DHCP' section is checked, and the 'Uncheck for fixed IP' section is unchecked. Below these, there are input fields for 'IP Address' (192.168.0.2), 'Netmask' (255.255.255.0), 'Gateway' (192.168.0.1), and 'Hardware' (00:02:8f:57:04:c). To the right, there are input fields for 'DNS 1' (10.59.0.1) and 'DNS 2' (empty). Below the DNS fields, it says 'Only DNS 1 is necessary'. At the bottom, there is an 'Update Settings' button.

The WAN tab (Wide Area Network) settings are for the gateway unit Internet port.

The DHCP box checked for default configuration. In this case the DSL router or cable modem provides the IP address for the gateway.

Your Internet connection may require setting the unit to a fixed IP. In this case the Use DHCP box is unchecked and the three IP addresses shown must be typed in manually: [IP Address](#), Netmask and Gateway.

LAN



The screenshot shows the LAN configuration page. At the top, there are tabs for 'WAN' and 'LAN'. Below the tabs, there are two main sections: 'Interface settings:' and 'DHCP server settings:'. The 'Interface settings:' section has input fields for 'IP Address' (192.168.96.1), 'Netmask' (255.255.240.0), and 'Hardware' (00:0d:b9:17:0c:9a). The 'DHCP server settings:' section has input fields for 'Start IP' (192.168.96.10), 'End IP' (192.168.111.254), and 'Lease time' (86400). At the bottom, there is an 'Update Settings' button.

The LAN tab (Local Area Network) shows the settings used for the LAN ports on the gateway.

The LAN ports are always a DHCP server and provide IP addresses for devices connected to the LAN ports.

Computers connected to wireless access points request an IP address from the gateway LAN ports.

The LAN Network Interfaces configuration permits you to set parameters that will improve the service for your guests. For example you can set a limit on the number of guests that can connect to the gateway unit simultaneously:


Click on the LAN tab (network interface). You will see the IP range start and IP range end.

The IP range is set for a maximum of 240 users connected (see the last digits of the IP addresses, $250 - 10 = 230$). Obviously this number is higher than a DSL line can support.

A good value to limit the number of guests is between 20 for a standard DSL line and 50 for a very fast DSL line.


You can set the maximum number of users to 25, for example, by changing the last 3 digits of the IP range end, from 240 to 35. The number of users is determined by subtracting the IP range start from the IP range end (in this case $35 - 10 = 25$ users).

Single WAN


 **Guest Internet Solutions**
WI-FI HOTSPOTS MADE EASY

**Internet Hotspot Gateway
GIS-R2**
Connected to the Internet: **YES**

Setup Wizard ▾
Status
System information
Connected users
Usage reports
Management
Manage codes
Hotspot availability
Change password
Reboot system
Advanced Settings ▾
Login settings
Login messages
Disclaimer text
Time zone
Email setup
Content filter
Dynamic DNS
Bandwidth control
Network interfaces
Firewall
Port forwarding
Monitoring / alerting
Hostname
Allowed IP list
Allowed MAC list
Blocked MAC list
SSL certificate
Upgrade firmware
Backup & restore

Network Interface Setup
Change these settings to alter the network interfaces. Choose the interface to change from the list below. The icons  and  indicate whether the interface is a wired or wireless interface. A reboot of the device will be required once the changes have been made.
WAN **LAN**
Use ☒ DHCP ☐ Uncheck for fixed IP
DNS 1
DNS 2
Only DNS 1 is necessary
IP Address
Netmask
Gateway
Hardware

Dual WAN



 **Guest Internet Solutions**
WI-FI HOTSPOTS MADE EASY




Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard ▾
Status
System information
Connected users
Usage reports
Billing reports
Management
Manage codes
Hotspot availability
Change password
Reboot system
Advanced Settings ▾
Login settings
Login messages
Credit Card / PayPal
Disclaimer text
Time zone
Email setup
Content filter
Dynamic DNS
Bandwidth control
Network interfaces
Firewall
Port forwarding
Monitoring / alerting
Hostname
Allowed IP list
Allowed MAC list
Blocked MAC list
Printer Setup
Upgrade firmware
Backup & restore

Network Interface Setup

Change these settings to alter the network interfaces. Choose the interface to change from the list below. The icons  and  indicate whether the interface is a wired or wireless interface. A reboot of the device will be required once the changes have been made.

 **WAN1** |  **WAN2** |  **LAN1**

Use DHCP ☒ Uncheck for static

IP Address192.168.2.105

Netmask255.255.255.0

Gateway192.168.2.1

Hardware00:0d:b9:17:0c:98


DNS 1192.168.2.1

DNS 2

Only DNS 1 is necessary

Update Settings



Quad WAN









 **Guest Internet Solutions**
WI-FI HOTSPOTS MADE EASY

**Internet Hotspot Gateway
GIS-R80**
Connected to the Internet: **YES**

Setup Wizard
Status
System information
Connected users
Usage reports
Billing reports
Management
Manage codes
Hotspot availability
Change password
Reboot system
Advanced Settings
Login settings
Login messages
Credit Card / PayPal
Disclaimer text
Time zone
Email setup
Content filter
Dynamic DNS
Bandwidth control
Network interfaces
Firewall
Port forwarding
Monitoring / alerting
Hostname
Allowed IP list
Allowed MAC list
Blocked MAC list
Printer Setup
Upgrade firmware
Backup & restore

Network Interface Setup

Change these settings to alter the network interfaces. Choose the interface to change from the list below. The icons  and  indicate whether the interface is a wired or wireless interface. A reboot of the device will be required once the changes have been made.

	WAN1		WAN2		WAN3		WAN4		LAN1		LAN2		LAN3		LAN4
---	-------------	---	------	---	------	---	------	---	------	--	------	---	------	---	------

Use DHCP ☒ Uncheck for static

IP Address192.168.2.105

Netmask255.255.255.0

Gateway192.168.2.1

Hardware00:0d:b8:17:0c:98

DNS 1192.168.2.1

DNS 2

Only DNS 1 is necessary

Update Settings

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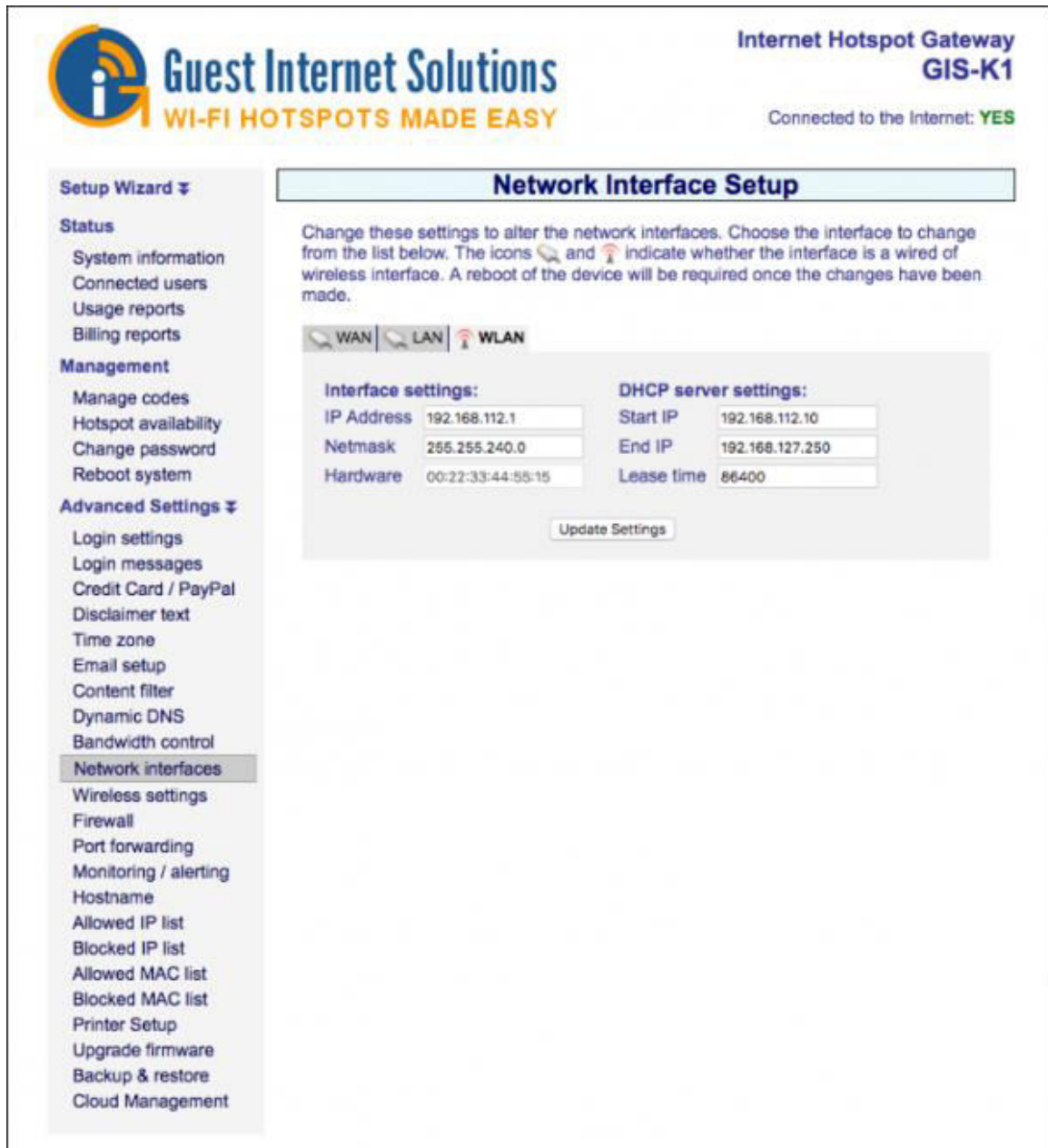
K1/K3

Products with a wireless interface (**GIS-K1/GIS-K3**) have three tabs on the network Interface page:

- WLAN: the wireless interface
- WAN: the Ethernet port that connects to the Internet via the DSL router
- LAN: The Ethernet ports that are fire-walled for PoS computers

The screen shows the WLAN (Wireless local area network) IP settings. This interface is always a DHCP server.

The WAN (wide area network) configuration is identical to other gateway products, it can be configured as a DHCP client, or with a fixed IP address.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-K1
Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports



Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces**
- Wireless settings
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Blocked IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore
- Cloud Management

Network Interface Setup

Change these settings to alter the network interfaces. Choose the interface to change from the list below. The icons  and  indicate whether the interface is a wired or wireless interface. A reboot of the device will be required once the changes have been made.

WAN **LAN** **WLAN**

Interface settings:

IP Address	192.168.112.1
Netmask	255.255.240.0
Hardware	00:22:33:44:55:15

DHCP server settings:

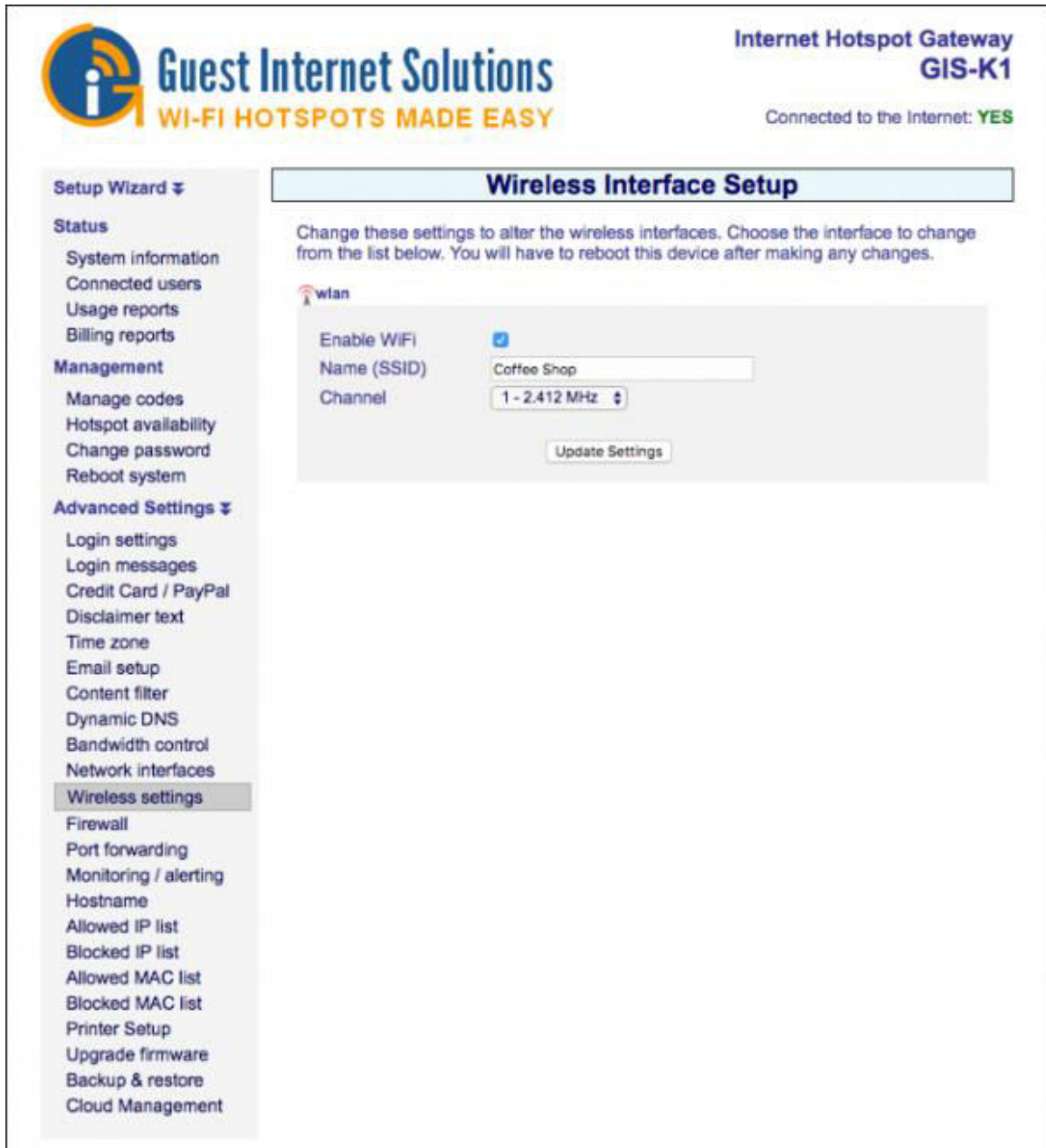
Start IP	192.168.112.10
End IP	192.168.127.250
Lease time	86400

Update Settings

The LAN (local area network) IP settings are configured as a DHCP server. Care should be taken if the LAN IP address is modified: the isolating firewall is valid only for the private address ranges 192.168.x.x, 172.16.x.x and 10.x.x.x. The firewall will not function for other IP (public) address ranges if selected using this page.

Products that have a wireless interface (GIS-K1, GIS-K3) also have an additional menu page for **wireless settings**.

There are two configuration options: Name (SSID) and Channel. The menu page is shown below:



The screenshot shows the 'Wireless Interface Setup' page for the 'Internet Hotspot Gateway GIS-K1'. The page header includes the Guest Internet Solutions logo and the text 'WI-FI HOTSPOTS MADE EASY'. The status 'Connected to the Internet: YES' is displayed. A left sidebar contains a navigation menu with sections: 'Setup Wizard', 'Status' (System information, Connected users, Usage reports, Billing reports), 'Management' (Manage codes, Hotspot availability, Change password, Reboot system), 'Advanced Settings' (Login settings, Login messages, Credit Card / PayPal, Disclaimer text, Time zone, Email setup, Content filter, Dynamic DNS, Bandwidth control, Network interfaces, **Wireless settings**, Firewall, Port forwarding, Monitoring / alerting, Hostname, Allowed IP list, Blocked IP list, Allowed MAC list, Blocked MAC list, Printer Setup, Upgrade firmware, Backup & restore, Cloud Management), and 'Wireless settings' (highlighted). The main content area is titled 'Wireless Interface Setup' and contains instructions: 'Change these settings to alter the wireless interfaces. Choose the interface to change from the list below. You will have to reboot this device after making any changes.' Below this, a 'wlan' interface is selected, showing settings for 'Enable WiFi' (checked), 'Name (SSID)' (Coffee Shop), and 'Channel' (1 - 2.412 MHz). An 'Update Settings' button is at the bottom.

The Name (SSID) (Service Set Identifier) is the name that is broadcast by the wireless transmission. Any laptop computer within range of the transmission will detect and show the SSID of the K1 and K3 units.

The channel can be selected to avoid conflict with adjacent transmitters if there is more than one hotspot at a location. It will be necessary to use laptop identification software, to identify the channel number of adjacent transmissions.

GIS Default IP Ranges

The LAN ports are always a DHCP server and provide IP addresses for devices connected to the LAN ports. The table below displays the range for each LAN port on the GIS unit:

LAN1 Start 192.168.96.10	LAN2 Start 192.168.112.10
LAN1 End 192.168.111.254	LAN2 End 192.168.127.250
LAN3 Start 192.168.128.10	LAN4 Start 192.168.144.10
LAN3 End 192.168.143.250	LAN4 End 192.168.159.250
LAN5 Start 192.168.160.10	LAN6 Start 192.168.176.10
LAN5 End 192.168.175.250	LAN6 End 192.168.191.250
LAN7 Start 192.168.192.10	WLAN Start 192.168.112.10
LAN7 End 192.168.207.250	WLAN End 192.168.127.250

If you are setting an static IP, please use an IP address outside the DHCP pool, but within the same subnet:

This should be used when setting up an access point in bridge mode.

LAN1 Start 192.168.96.2	LAN2 Start 192.168.112.2
LAN1 End 192.168.96.9	LAN2 End 192.168.112.9
LAN3 Start 192.168.128.2	LAN4 Start 192.168.144.2
LAN3 End 192.168.128.9	LAN4 End 192.168.144.9
LAN5 Start 192.168.160.2	LAN6 Start 192.168.176.2
LAN5 End 192.168.160.9	LAN6 End 192.168.176.9
LAN7 Start 192.168.192.2	WLAN Start 192.168.112.2
LAN7 End 192.168.192.9	WLAN End 192.168.112.9

Firewall

The gateway has a firewall that provides several features:

[Remote Management](#)


[Blocking Private IP address ranges](#)

[Blocking of virus DoS attacks](#)

[Blocking of peer-2-peer file sharing](#)

[Blocking of routers](#)

[SSL](#)


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
 Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Wireless settings
- Firewall**
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Blocked IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore
- Cloud Management

Firewall

The firewall settings control remote access to this management interface and also block guests from accessing your private network.

Allow this device to be managed via the Internet. This setting will allow access to the device via the WAN port. You may still have to forward a port through your router to reach the device.

Allow remote management: ☐

Select management port:

Use HTTPS(SSL) for management: ☐

Block the guests using this device from accessing private networks this device is connected to. This setting will stop guests from accessing your company network or router settings. All packets to private IP ranges 192.168.0.0/16, 172.16.0.0/12 and 10.0.0.0/8 will be dropped.

Block private IP ranges: ☐

Block guest computers from slowing this device with DoS (Denial of Service) attacks, Trojans, Worms or Viruses. If left unprotected a malicious or infected computer could consume all the resources of the gateway. Leave this feature enabled unless you experience issues connecting to this device.

Block DoS attacks: ☒

Block guests from sharing their Internet access by setting up a router on the LAN or WLAN ports or using phone tethering. This option may not work with some legitimate network devices (e.g. WiFi access points). These should be set up as a bridge.

Block routers: ☐

Block guest computers from sharing files using peer-to-peer networks like BitTorrent, FastTrack (Kazaa) and Gnutella (LimeWire). Guests sharing files will be blocked for the selected time. Permanent blocks will need to be removed manually by accessing the [Blocked MAC list](#). All timed blocks will be removed if the gateway reboots.

Block P2P file sharing: ☐

Select block time:

WARNING: All hotspot users will be logged out when settings are changed

Remote Management

The Remote Management permits administrator login access via the Internet port to allow remote management of the gateway by opening the HTTP/HTTPS port.

By clicking the box to activate Internet port access the admin login is available on the Internet port by typing a fixed IP address into the browser.

The gateway can be administered from anywhere on the Internet providing that the business network has a fixed IP address and the business router has port forwarding.

Port forwarding is required from a device that owns the public facing IP address to a device that has a private (NAT) IP address.

If the GIS device gets a public IP then no port forwarding is required, if it gets an IP address in the range 192.168.X.X, 172.16.X.X, or 10.X.X.X then packets need to be forwarded for TCP port 80/HTTP (and 443 for HTTPS/SSL) on the public facing device to the GIS unit.

Blocking Private IP address ranges

Blocking Private IP address ranges prevents public Internet users accessing business computers in the network that the Internet (WAN) port is connected to.

This option is selected by default to ensure compliance with the recommendations of [PCI DSS](#)

Blocking of virus DoS attacks

Blocking of virus DoS attacks blocks any computer infected with a software virus or Trojan that is sending out a packet stream as part of a DoS (denial of service) attack.

If the computer is permitted to connect to the Internet then the service will become very slow for all users.

Therefore the default setting is to block infected computers.

Blocking of peer-2-peer file sharing

When "block P2P file sharing" is selected, it blocks any computer that has active torrent file sharing software.

By activating the P2P (peer to peer) blocking service the business can prevent any computer with P2P software from connecting to the Internet. A drop down menu permits the offending computer to be blocked for a period of time, or permanently.

We recommend that permanent blocking should be selected as a malicious user who is reconnected can use an encrypted service to share files, and encrypted communications cannot be detected.

Blocking of routers


Blocking of routers prevents the users from connecting a router and sharing their single use access code with multiple devices.

Port Forwarding

Port forwarding permits a computer on the WAN side of the gateway to connect to a device on the LAN side of the gateway.

Port forwarding is very useful for remote configuration of wireless access points.

Port forwarding can be configured for up to 25 devices (up to 250 on the R10/R20/R40/R80).


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
 Connected to the Internet: YES

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Port Forwarding

Port forwarding allows connections from the WAN port (Internet) to devices connected to the LAN or WLAN ports. Devices on the LAN or WLAN ports will require a fixed IP address, please allocate fixed IPs outside the DHCP range allocated to the port.

Port	Destination IP and Port	Comment	
4011	192.168.90.11 80	AP1	[X]
4012	192.168.90.12 80	AP Lounge	[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]
			[X]

WARNING: All hotspot users will be logged out when settings are changed

The port forwarding configuration page requires four parameters for each device.

- The first field is the port number assigned for the device.
- The second field is the destination IP (fixed) of the LAN side device.
- The third field is the port number used to access the device (usually port 80 however most devices permit this to be changed).
- The fourth field is for comments used to identify the device.

A static WAN port setting is required to access forwarded devices.

Important: The LAN side device fixed IP must be in the same subnet as the LAN DHCP range, however the subnet DHCP range must be modified so that the device fixed IP's are outside the DHCP range.

Each device connected to a LAN port is addressed by:
http:// < IP of WAN port> : < assigned port number>

Monitoring & Alerting

The purpose of the monitoring and alerting feature is to advise you that a wireless access point or other device connected to the LAN port has failed.

The GIS gateway can be set to periodically 'ping' each device in the device list.


If a device does not respond then a second attempt is made to 'ping' the device. If the device does not respond after two attempts then a message is sent out using the previously configured email.

The email message has a subject line and content derived from the device name entered when configuring monitoring and alerting as follows:

Subject: AP Lounge on the GIS-R2 is DOWN
Device 'AP Lounge on the GIS-R2' with MAC address '00-80-48-50-93-3a'
attached to Hotspot ID 000000000 stopped responding at 2011-05-28 16:19:51
EDT

A similar message is also sent out if the device comes back on line.

The monitoring and alerting configuration screen is shown below:



Guest Internet Solutions

WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: YES

Setup Wizard ↕

Status

Management

Advanced Settings ↕

System information

Connected users

Usage reports

Billing reports

Manage codes

Hotspot availability

Change password

Reboot system

Login settings

Login messages

Credit Card / PayPal

Disclaimer text

Time zone

Email setup

Content filter

Dynamic DNS

Bandwidth control

Network interfaces

Firewall

Port forwarding

Monitoring / alerting

Hostname

Allowed IP list

Allowed MAC list

Blocked MAC list

Printer Setup

Upgrade firmware

Backup & restore

Monitoring and Alerting

Monitoring can be set up for Access Points or other devices like switches and CCTV cameras connected to this hotspot. If a device fails or recovers from a failure an alert will be emailed to the address below. Devices being monitored must have fixed IPs. It is not necessary for the device to have an IP address assigned by this hotspot.

Email address to send alert to:

ARP ping timeout: 5 Leave at 5 seconds unless you have a slow network

MAC Address	IP Address	Interface	Device Name	
00-80-48-50-93-3a	192.168.90.12	Ian1 ↓	AP Lounge	[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]
		Ian1 ↓		[X]

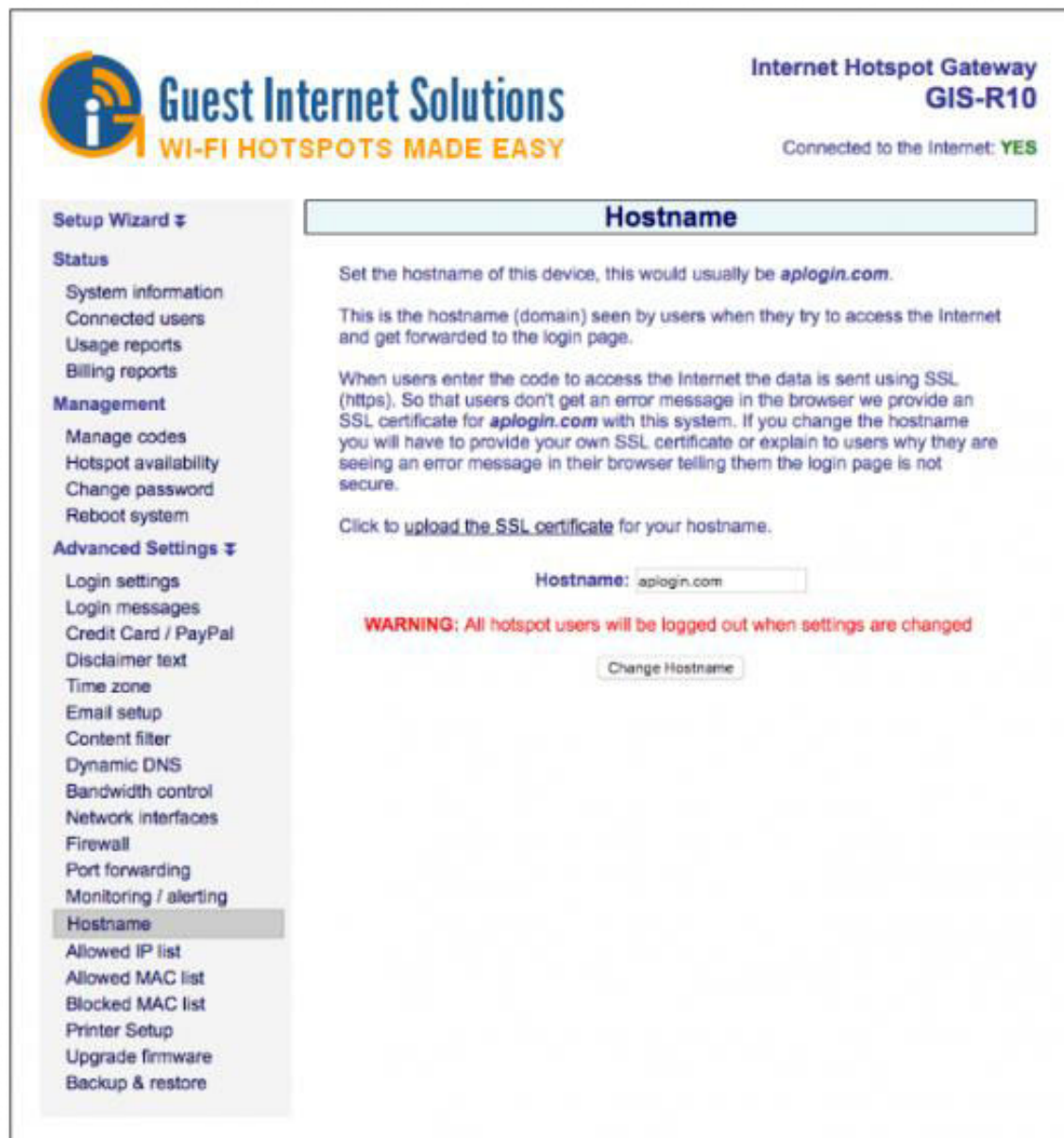
Change settings

Hostname

The hostname is a special URL or Web address that is used by Guest Internet products for the login page and to access the configuration pages. The default hostname is: **aplogin.com**

Therefore to access the configuration pages in a browser enter the URL in the address line as:
<http://aplogin.com/admin>

The username is admin; the password was entered during the wizard setup. When the Hostname menu entry is clicked the page shown below appears in the browser window.



The screenshot shows the 'Hostname' configuration page in the Guest Internet Solutions web interface. The page has a header with the logo and 'Internet Hotspot Gateway GIS-R10'. A status bar indicates 'Connected to the Internet: YES'. On the left is a sidebar menu with categories: Setup Wizard, Status, Management, and Advanced Settings. The 'Hostname' option under Advanced Settings is selected. The main content area is titled 'Hostname' and contains instructions: 'Set the hostname of this device, this would usually be **aplogin.com**. This is the hostname (domain) seen by users when they try to access the Internet and get forwarded to the login page. When users enter the code to access the Internet the data is sent using SSL (https). So that users don't get an error message in the browser we provide an SSL certificate for **aplogin.com** with this system. If you change the hostname you will have to provide your own SSL certificate or explain to users why they are seeing an error message in their browser telling them the login page is not secure. Click to [upload the SSL certificate](#) for your hostname.' Below this is a text input field for 'Hostname' with 'aplogin.com' entered. A red warning message states: 'WARNING: All hotspot users will be logged out when settings are changed'. At the bottom is a 'Change Hostname' button.

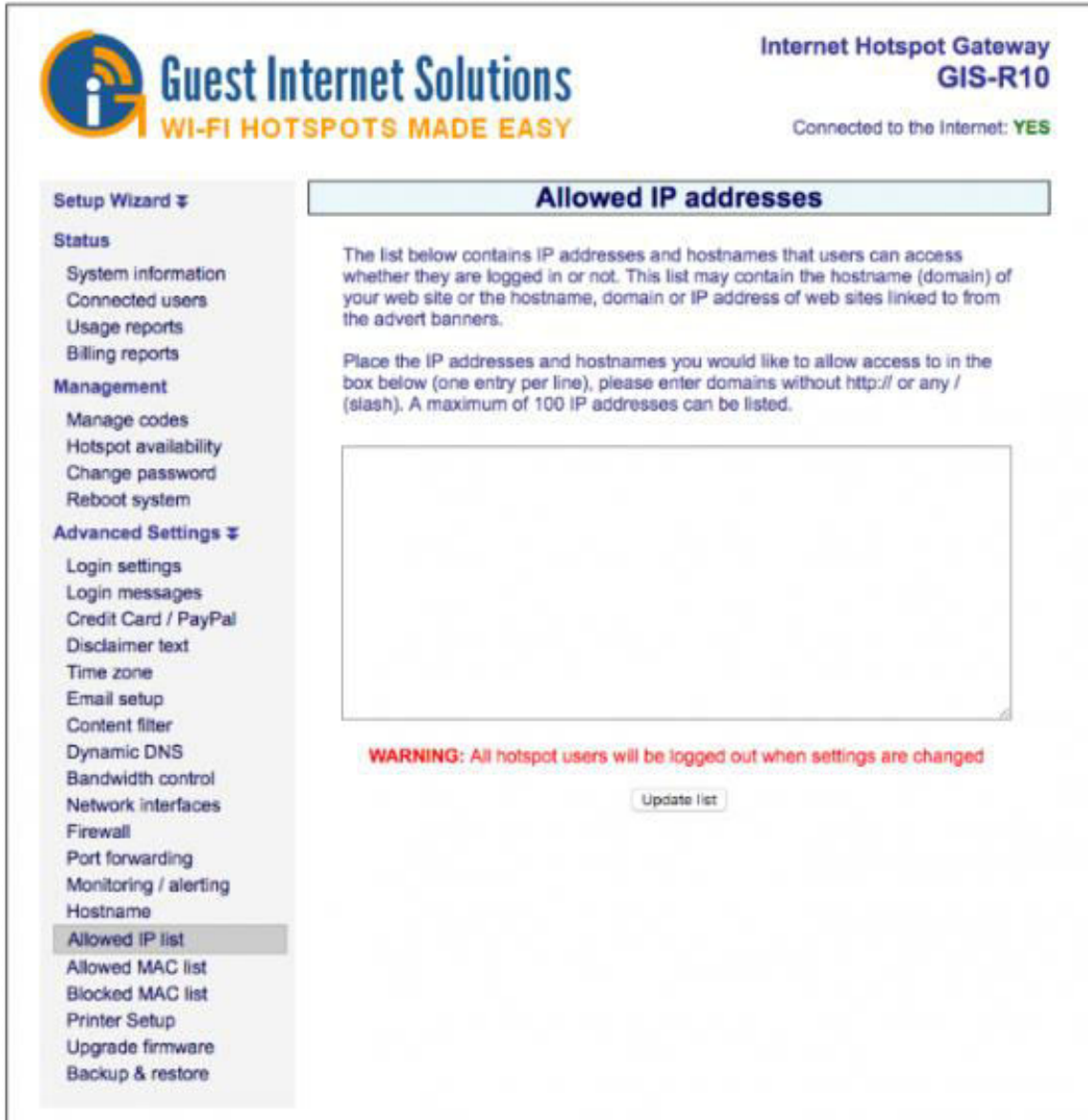
The hostname can be changed, however the URL for the new name must be purchased and be a valid Internet URL. When the hostname has been changed click on the change hostname button. The hostname is changed only for special applications. Changing the hostname is **not recommended** for normal use. A valid SSL certificate must be purchased for the URL that has been purchased, and uploaded to the SSL certificate menu.

Allowed IP List

Allowed IP addresses permit your guests to access websites without completing the login page process.

If you entered the address of your business Web site during the wizard setup process you will see that your website address is already included in this table.

You can add other Web site addresses that you want your guests to access directly without logging in.



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway GIS-R10
Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list**
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware
- Backup & restore

Allowed IP addresses

The list below contains IP addresses and hostnames that users can access whether they are logged in or not. This list may contain the hostname (domain) of your web site or the hostname, domain or IP address of web sites linked to from the advert banners.

Place the IP addresses and hostnames you would like to allow access to in the box below (one entry per line), please enter domains without http:// or any / (slash). A maximum of 100 IP addresses can be listed.

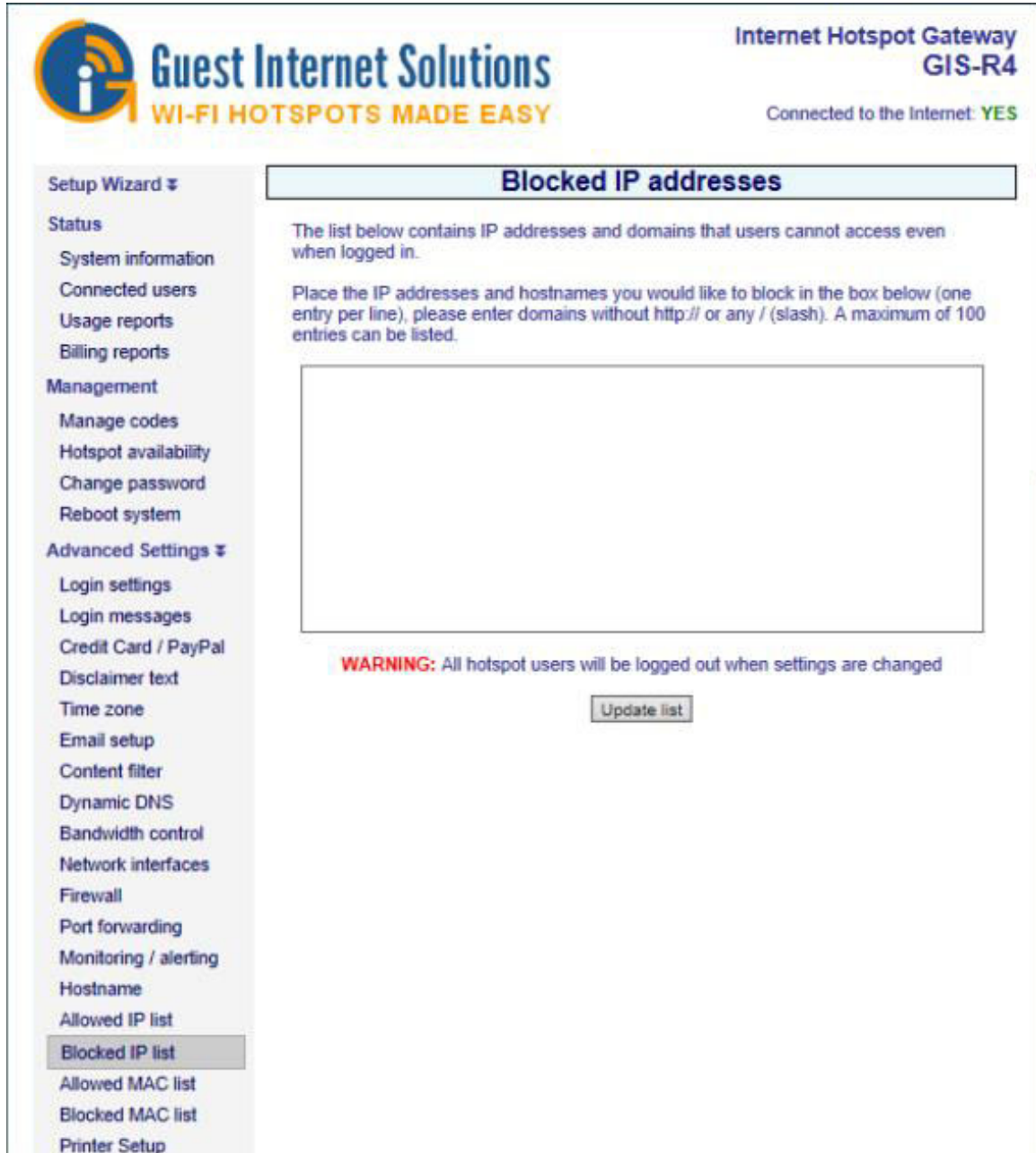
WARNING: All hotspot users will be logged out when settings are changed

Blocked IP List

Blocked IP addresses prevent your guests having access to websites after the guest has completed the login process.

The IP address of the Web site can be entered, or the domain name of the Web site can be entered in the table shown in the figure below.

Note that when entering the domain name, enter only www....., Do not include http:// in front of the domain name.



The screenshot displays the web interface for the Guest Internet Solutions Internet Hotspot Gateway (GIS-R4). The interface includes a sidebar menu on the left with categories like Setup Wizard, Status, Management, and Advanced Settings. The main content area is titled "Blocked IP addresses" and contains instructions on how to enter IP addresses and hostnames. A large text input box is provided for this purpose. Below the input box, a warning message states: "WARNING: All hotspot users will be logged out when settings are changed". An "Update list" button is located at the bottom of the main content area.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R4

Connected to the Internet: **YES**

Blocked IP addresses

The list below contains IP addresses and domains that users cannot access even when logged in.

Place the IP addresses and hostnames you would like to block in the box below (one entry per line), please enter domains without http:// or any / (slash). A maximum of 100 entries can be listed.

WARNING: All hotspot users will be logged out when settings are changed

Update list

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Blocked IP list**
- Allowed MAC list
- Blocked MAC list
- Printer Setup

Allowed MAC List

Allowed MAC addresses permit you to configure the Guest Internet unit so that specific computers can bypass the login process. These computers can be your business computers, or a laptop computer used for network maintenance.



The screenshot shows the 'Internet Hotspot Gateway GIS-R10' web interface. The top left features the 'Guest Internet Solutions' logo and tagline 'WI-FI HOTSPOTS MADE EASY'. The top right indicates 'Connected to the Internet: YES'. A left sidebar contains a 'Setup Wizard' menu with sections for 'Status' (System information, Connected users, Usage reports, Billing reports) and 'Management' (Manage codes, Hotspot availability, Change password, Reboot system). Below this is an 'Advanced Settings' section with various options, including 'Allowed MAC list' which is currently selected. The main content area is titled 'Allowed MAC addresses' and contains instructions: 'The list below contains MAC addresses of wireless cards or laptops that are allowed to freely access the Internet regardless of whether they are logged in or not.' It also states: 'Type the MAC address in the box below (one entry per line) in the form 00:00:00:00:00:00. A maximum of 250 MAC addresses can be listed.' There is a checkbox option: 'Apply bandwidth limits and log access from allowed MACs. MAC addresses will have to use HTTP to gain Internet access.' Below this is a large text input area. A red warning message at the bottom reads: 'WARNING: All hotspot users will be logged out when settings are changed'. An 'Update list' button is located at the bottom right of the input area.

The MAC address of your computer will be noted on a label with the FCC ID number. The MAC address is a sequence of six 2-digit alphanumeric codes separated by a colon.


There is no limit to the number of MAC addresses that can be entered. A typical MAC address might look like this: **00:2C:0D:55:A3:1E**

Type the MAC address into the table and click the update list button to permit each computer to access the Internet, bypassing the login screen. The 'apply bandwidth limits' box should be checked if it is desired to apply the firewall rules to the bypassed user.

Blocked MAC List

Any user currently logged in to your network can be prevented from accessing the Internet by adding the MAC address of that user on the blocked MAC address list.

To add a MAC address to the blocked list, you first need to go to the Connected users on the Admin interface and click on the red rectangle.


Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
 Connected to the Internet: **YES**

Setup Wizard ▾

Status
 System information
Connected users
 Usage reports
 Billing reports

Management
 Manage codes
 Hotspot availability
 Change password
 Reboot system

Advanced Settings ▾

Connected Users

The list below contains details of users connected to this device.

Authenticated users (logged in):

Mac address	OS/Browser	Time left	Bytes In / Out	Code	WAN
d4:be:d9:a1:00:ee	Linux/Firefox	0h 26m	3627K / 544K	EA2A2G	1 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

☒ Logout user. ☒ Logout and block user from this hotspot.
 Blocked MAC addresses can be released [here](#).
 WAN shows the Internet port allocated to user.
 Click on WAN port to change port allocation.

Connected users (using the gateway):

Mac Address	IP Address	Blocked IP	Blocked MAC	Allowed MAC
d4:be:d9:a1:00:ee	192.168.96.10	No	No	No


MAC addresses are blocked manually (above) and by the firewall, they can be released [here](#).
 IP addresses are blocked automatically for abusive use of the service.
 Abuse can be caused by viruses, trojans or a malicious user.
 IP blocks are automatically removed after the abuse stops.

IP addresses issued:

	Mac Address	IP Address	Host Name	Lease Expiry Time
1	d4:be:d9:a1:00:ee	192.168.96.10	My-ipad	18:53:55

The IP address list is provided to show network usage not logins or Internet usage.
 Devices may connect and get an IP address but not attempt to use the Internet.


You can then check your list and unblock users.


 **Guest Internet Solutions**
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10
Connected to the Internet: **YES**

Setup Wizard ▾
Status
System information
Connected users
Usage reports
Billing reports
Management
Manage codes
Hotspot availability
Change password
Reboot system
Advanced Settings ▾
Login settings
Login messages
Credit Card / PayPal
Disclaimer text
Time zone
Email setup
Content filter
Dynamic DNS
Bandwidth control
Network interfaces
Firewall
Port forwarding
Monitoring / alerting
Hostname
Allowed IP list
Allowed MAC list
Blocked MAC list
Printer Setup
Upgrade firmware
Backup & restore

Blocked MAC addresses

This list contains MAC addresses of users blocked from this hotspot. Click  to remove a user from the list and allow them to use the hotspot.


Blocked MAC Address	Remove
d4:be:d9:a1:00:ee	

Printer Setup for GIS-TP1 Access Code Printer

The ticket printer GIS-TP1 is used to print access codes for a point of sale station in Internet Cafes or for user businesses, such as a hotel concierge desk, or a trade show management desk.

The GIS-TP1 connects to the gateway LAN port via an Ethernet cable connected to a switch. The printer uses standard 58mm thermal paper widely available for point of sale terminals.

The GIS-TP1 ticket printer can be operated using a tablet, personal computer or laptop.



Guest Internet Solutions
 WI-FI HOTSPOTS MADE EASY

**Internet Hotspot Gateway
GIS-R10**
 Connected to the Internet: YES

Setup Wizard ▾
Status
 System information
 Connected users
 Usage reports
 Billing reports
Management
 Manage codes
 Hotspot availability
 Change password
 Reboot system
Advanced Settings ▾
 Login settings
 Login messages
 Credit Card / PayPal
 Disclaimer text
 Time zone
 Email setup
 Content filter
 Dynamic DNS
 Bandwidth control
 Network interfaces
 Wireless settings
 Firewall
 Port forwarding
 Monitoring / alerting
 Hostname
 Allowed IP list
 Blocked IP list
 Allowed MAC list
 Blocked MAC list
Printer Setup
 Upgrade firmware
 Backup & restore
 Cloud Management

Printer Setup

The GIS-TP1 ticket printer can be used to print code tokens for guests. The settings below are used to enable the printer and change the printer settings.

Printer Status:

Enabled

Printer network:

LAN1 Network to which printer is connected

Test Printer:

Print Test Page

Business Name:

Ticket Header:

Text will appear above the code.
Max 100 characters.

Ticket Footer:

Text will appear at the bottom of the ticket.
Max 100 characters.

Show Time on Ticket:

☒ Print time until expiry of code on ticket

Print Date and Time:

☒ Prints the current date and time on the ticket

Copies to print:

Set number of copies of tickets to be printed by default

Custom number of copies:

☐ Allow user to select custom number of copies at print time

Additional Field 1:

Additional Field 2:

Additional Field 3:

Additional Field 4:

Additional Field 5:

Add additional field to tickets

When the configuration page is first opened the printer status will be shown as disabled. You need to:

- Click on the printer status enable button to enable printing.
- Type the messages that will be displayed before the access code on the ticket:
 - the business name
 - the ticket header text
- The ticket footer text is printed below the access code.
- A check box selects the option to print the duration of the access code and below that another checkbox selects the option to print the current date and time.
- Additionally, you can either type the number of copies or select the option that allow user to select custom number of copies at print time.
- Finally, you have 5 additional fields, where you can enter any other useful information to be printed on the ticket.

You need to ensure that a CODES password has been set in the [Change Password](#) section.

Open the browser, instead of the home page, the login page will be displayed. Now type the following into the browser URL line: **aplogin.com/codes**

A box will open requesting the username and password.

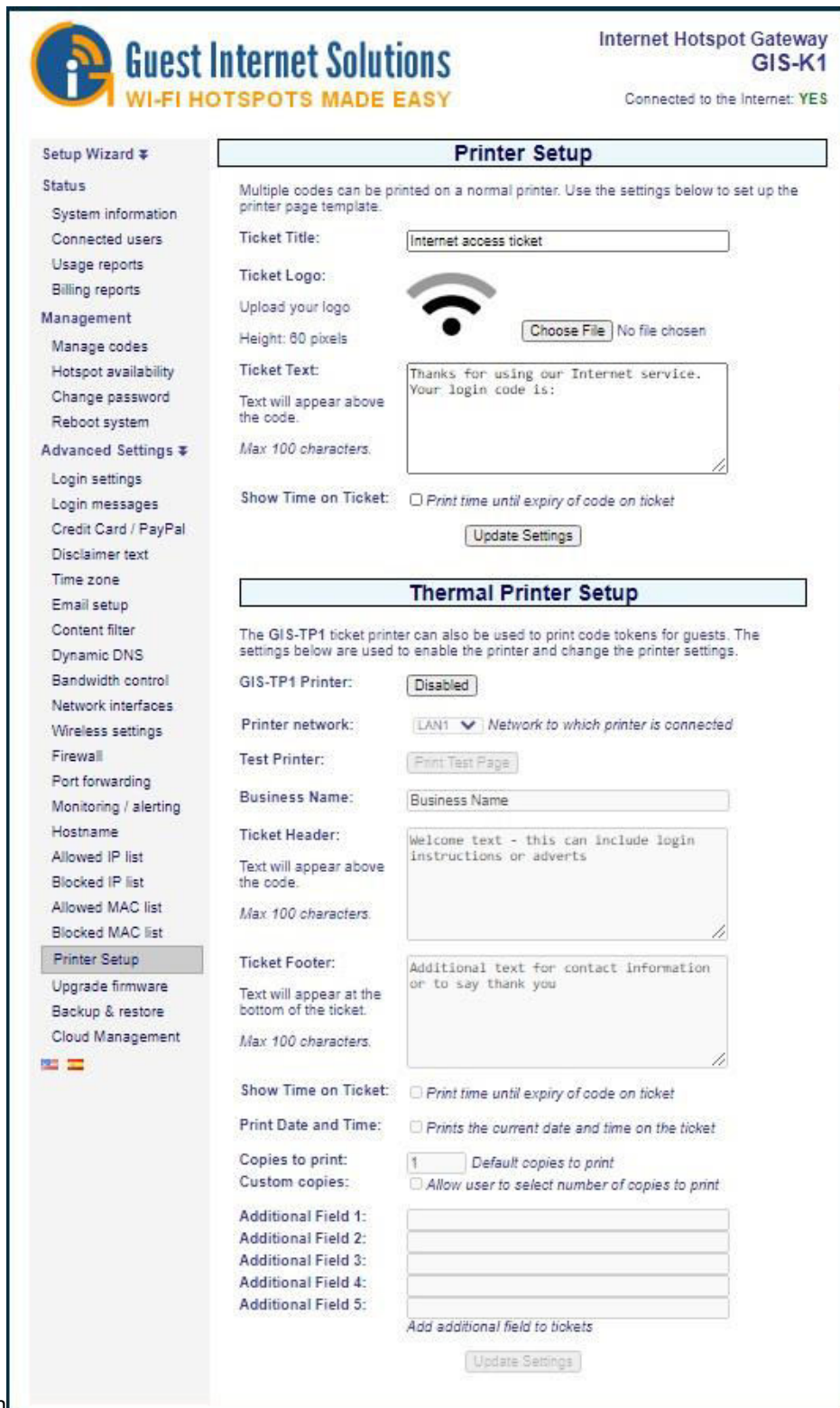


The screenshot shows a web interface titled "Access Code Management". Below the title bar, there is a section labeled "One-click buttons: Create and print new codes with one click". Inside this section, there are three buttons: "30 min", "1 hour", and "2 days". Below these buttons is a link that says "Manage one-click buttons". At the bottom of the interface, there is a button labeled "Create / View codes".

Up to ten ticket printer buttons can be configured for the tablet display. Each button represents the duration of an access code, and can also represent the cost of the ticket.

Printer Setup for GIS K-series and GIS-R2/4/6 Products

The GIS-K-series and GIS-R2, R4 and R6 products have an additional feature on the Printer Setup page. In addition to the configuration for the GIS-TP1, these units also have a configuration procedure to design a voucher. The application for voucher printing is called 'Internet-por-ficha', which is very popular in Latin America and the Caribbean. The Printer Setup screen is shown in the figure below.




Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-K1
Connected to the Internet: **YES**

Printer Setup

Multiple codes can be printed on a normal printer. Use the settings below to set up the printer page template.

Ticket Title:

Ticket Logo:  No file chosen

Upload your logo
Height: 60 pixels

Ticket Text:
Text will appear above the code.
Max 100 characters.

Show Time on Ticket: ☐ Print time until expiry of code on ticket

Thermal Printer Setup

The GIS-TP1 ticket printer can also be used to print code tokens for guests. The settings below are used to enable the printer and change the printer settings.

GIS-TP1 Printer:

Printer network: Network to which printer is connected

Test Printer:

Business Name:

Ticket Header:
Text will appear above the code.
Max 100 characters.

Ticket Footer:
Text will appear at the bottom of the ticket.
Max 100 characters.

Show Time on Ticket: ☐ Print time until expiry of code on ticket

Print Date and Time: ☐ Prints the current date and time on the ticket

Copies to print: Default copies to print

Custom copies: ☐ Allow user to select number of copies to print

Additional Field 1:

Additional Field 2:

Additional Field 3:

Additional Field 4:

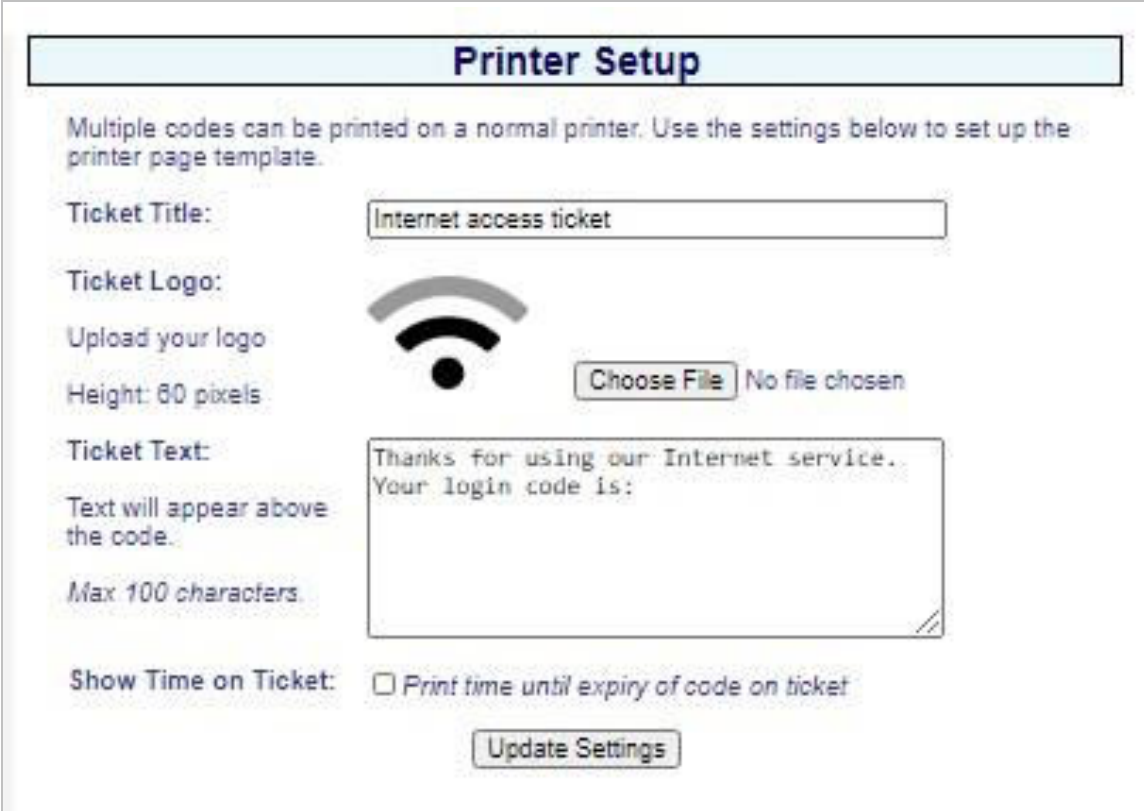
Additional Field 5:

Add additional field to tickets

There are four configuration parameters for the voucher.

- Add text for the ticket title
- Upload the business logo
- Add text that will explain how to use the voucher
- Check a box to display the duration of the access code if required


The printer setup for the voucher is shown in the figure below



Printer Setup

Multiple codes can be printed on a normal printer. Use the settings below to set up the printer page template.

Ticket Title:

Ticket Logo: 

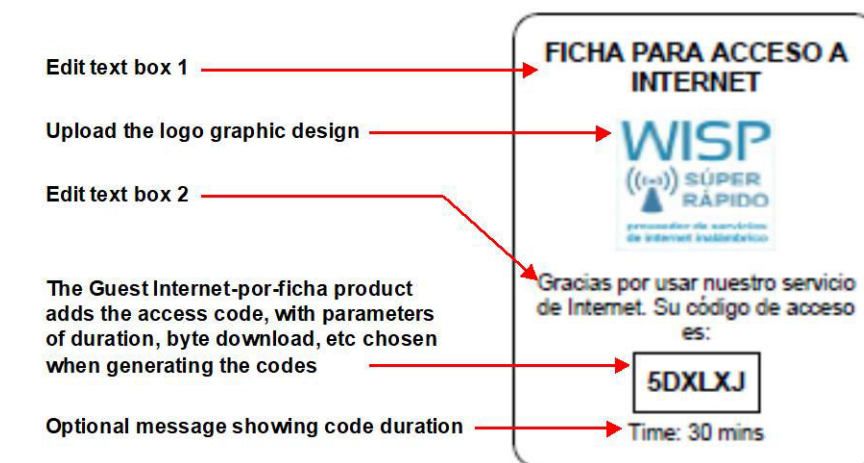
Upload your logo No file chosen

Height: 60 pixels

Ticket Text:
 Text will appear above the code.
 Max 100 characters.

Show Time on Ticket: ☐ Print time until expiry of code on ticket

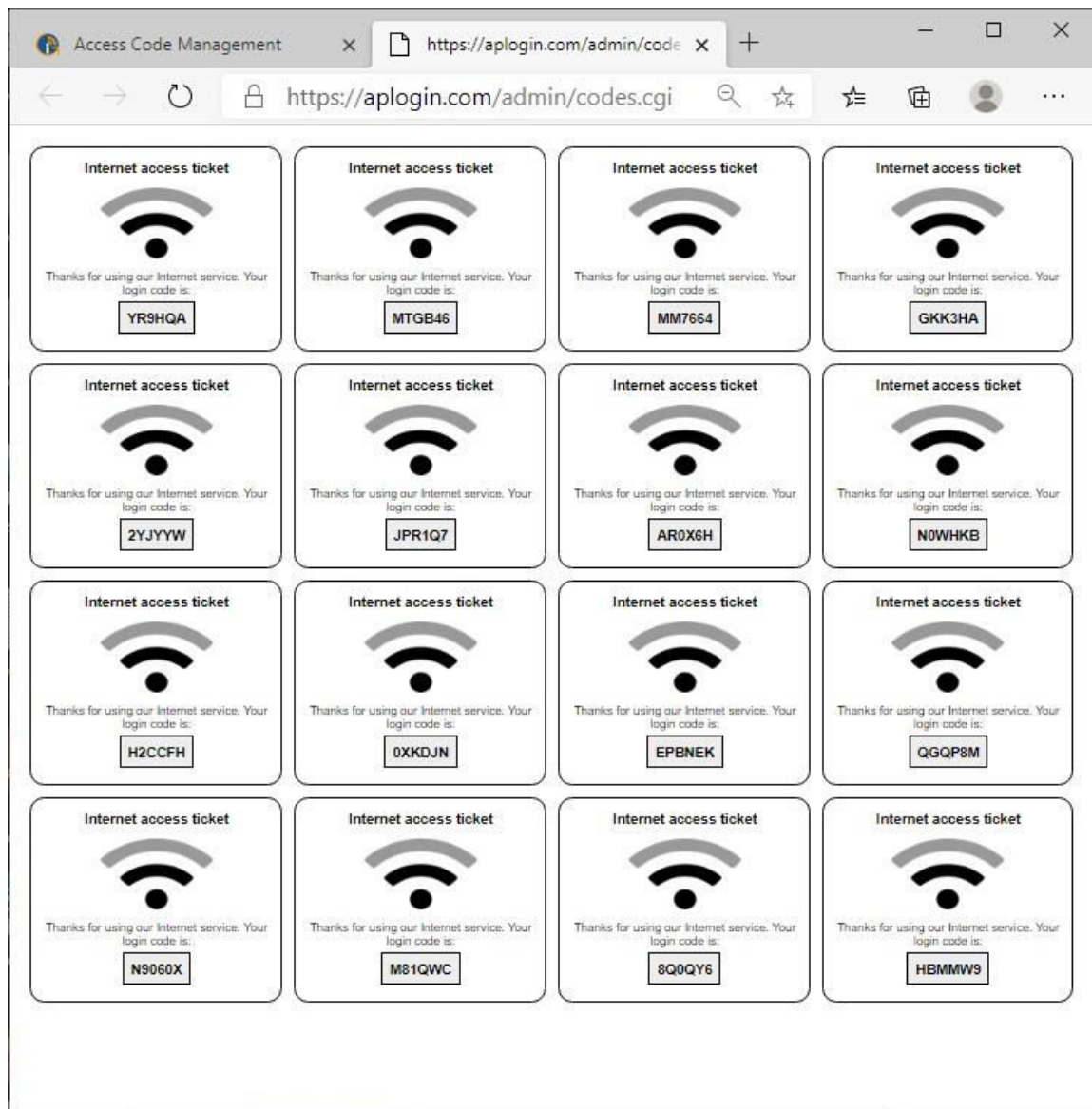
The figure below shows how the text fields and logo are printed on the voucher. The Access code is unique for each voucher.



When the voucher design has been configured up to 10,000 vouchers can be generated and printed on sheets in a 4x4 format using any letter size printer. The access code generation page is used to initiate the generation and printing of the vouchers with access codes; see the relevant section of this manual for information about access code generation.

The print command displays the vouchers in a browser window, which can then be printed. Alternatively the vouchers can be printed as a PDF file for printing at a later date.

Each printed sheet is cut into individual vouchers for cash sales.



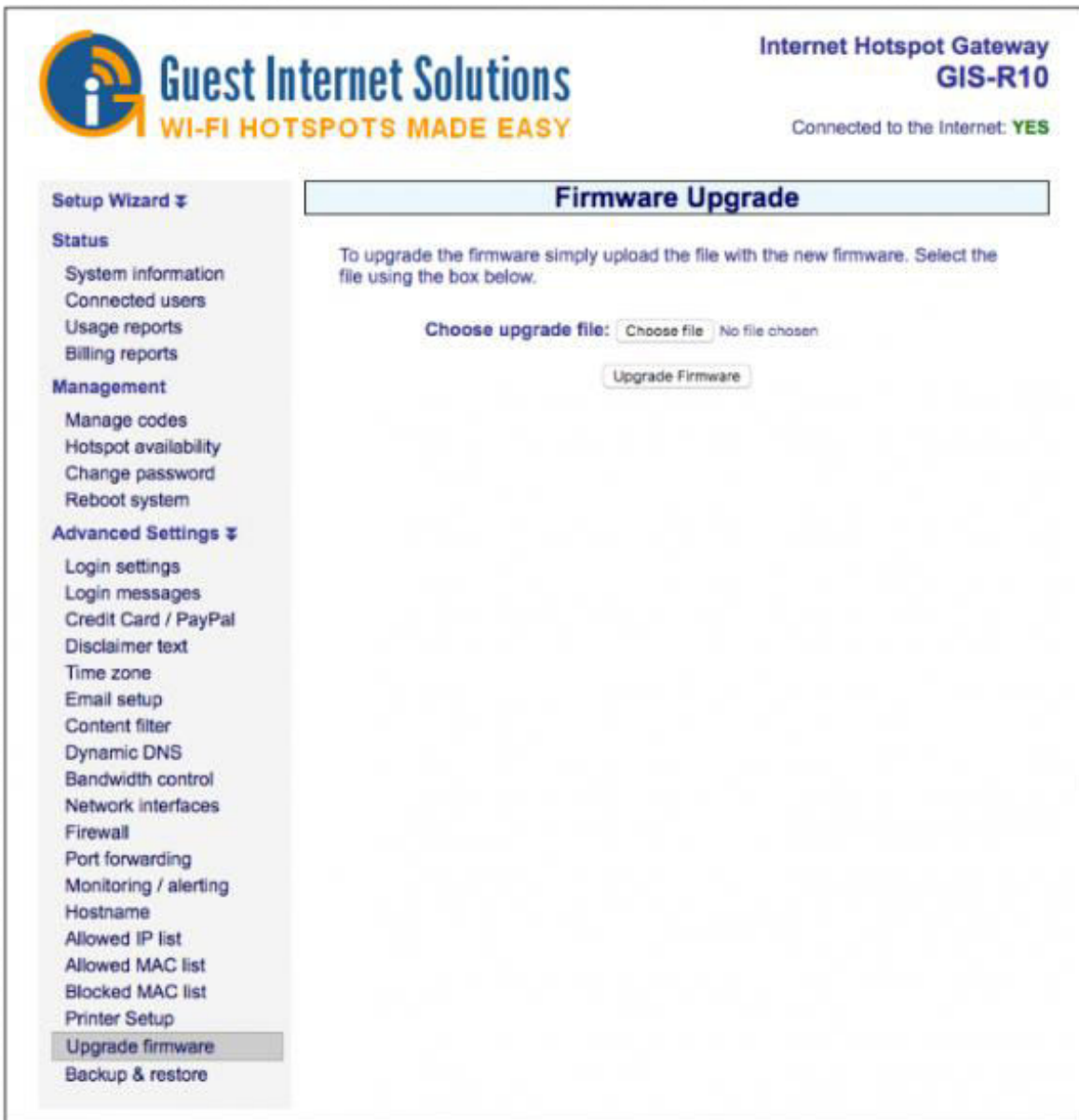
Upgrade Firmware

Guest Internet products can be upgraded to the latest firmware specification free of charge.

Please see our website [support page](#) to request a firmware update.

Install the upgrade file using the firmware upgrade feature shown in the menu.

When the upgrade has been initiated leave the unit powered up for 10 minutes before using it or powering it down. This time is required to store the new firmware in the product memory.



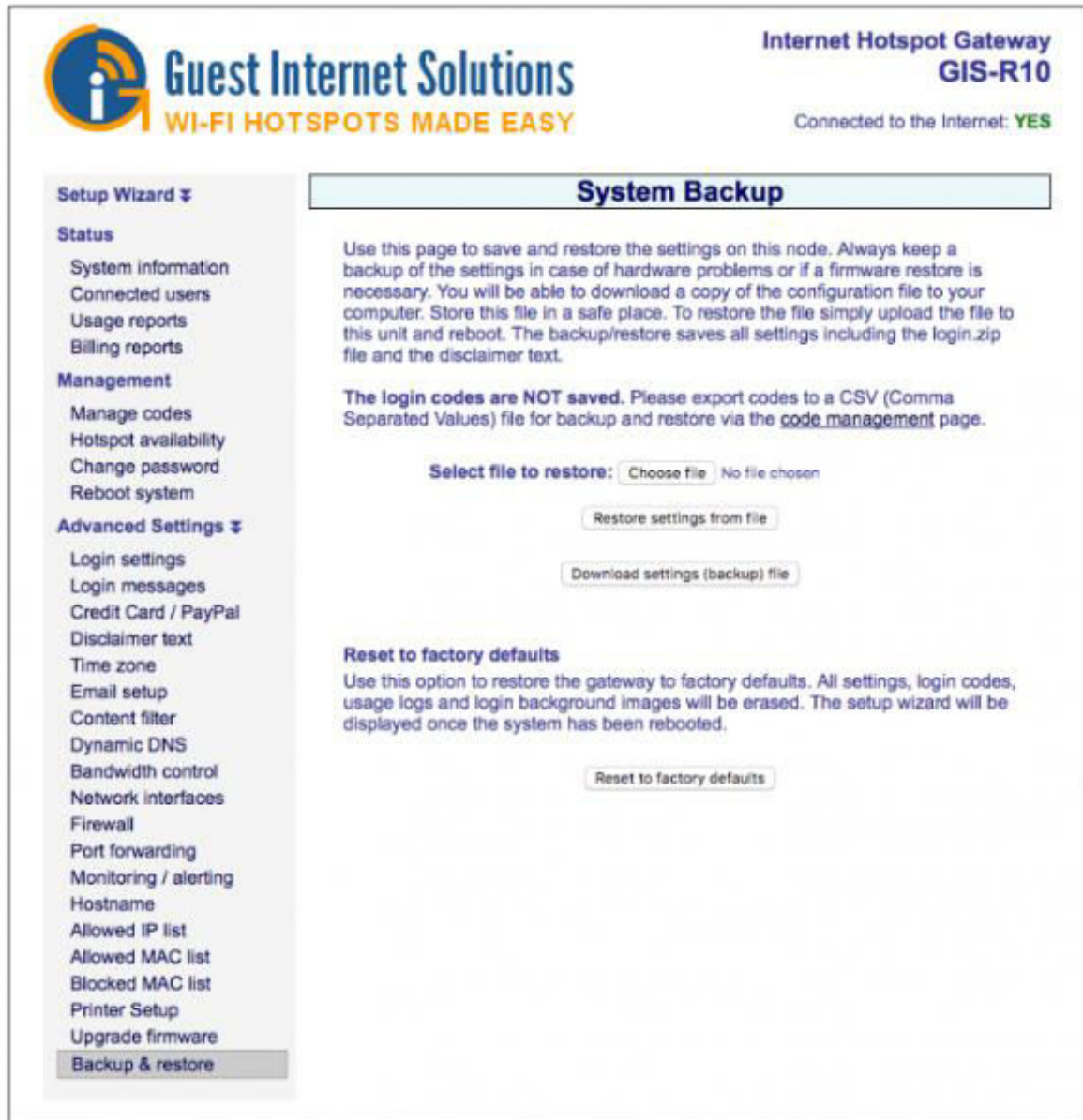
Firmware upgrades are released periodically for all gateway products.

The upgrades include new features that have been requested by customers. We also work on product performance improvements.

Backup & Restore

All configuration parameters that have been set on a gateway unit are stored in a file in memory.

The configuration file can be downloaded to a computer and saved for backup purposes. This page also permits the configuration backup file to be uploaded into the gateway to restore a previous configuration setting.



The screenshot shows the 'System Backup' page of the Guest Internet Solutions web interface. The page has a header with the logo and 'Internet Hotspot Gateway GIS-R10'. A status bar indicates 'Connected to the Internet: YES'. On the left is a sidebar menu with categories: Setup Wizard, Status, Management, and Advanced Settings. The 'Backup & restore' option is highlighted. The main content area is titled 'System Backup' and contains instructions on how to use the backup and restore functionality. It includes a warning that login codes are not saved and must be exported to a CSV file. There are buttons for 'Choose file', 'No file chosen', 'Restore settings from file', 'Download settings (backup) file', and 'Reset to factory defaults'.

Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

System Backup

Use this page to save and restore the settings on this node. Always keep a backup of the settings in case of hardware problems or if a firmware restore is necessary. You will be able to download a copy of the configuration file to your computer. Store this file in a safe place. To restore the file simply upload the file to this unit and reboot. The backup/restore saves all settings including the login.zip file and the disclaimer text.

The login codes are NOT saved. Please export codes to a CSV (Comma Separated Values) file for backup and restore via the [code management](#) page.

Select file to restore: No file chosen

Reset to factory defaults

Use this option to restore the gateway to factory defaults. All settings, login codes, usage logs and login background images will be erased. The setup wizard will be displayed once the system has been rebooted.

Setup Wizard

Status

System information
Connected users
Usage reports
Billing reports

Management

Manage codes
Hotspot availability
Change password
Reboot system

Advanced Settings

Login settings
Login messages
Credit Card / PayPal
Disclaimer text
Time zone
Email setup
Content filter
Dynamic DNS
Bandwidth control
Network interfaces
Firewall
Port forwarding
Monitoring / alerting
Hostname
Allowed IP list
Allowed MAC list
Blocked MAC list
Printer Setup
Upgrade firmware
Backup & restore

The backup file contains the following information:

- All configuration settings
- The login page zip file (if uploaded)
- The modified terms and conditions text

Configuration settings backup and restore has two important applications:

- The first is to save the configuration file each time that the gateway configuration is changed. If some problem occurs with a configuration change then the previous configuration can be restored.
- The second application is for installers who are putting many similar configured gateways. One gateway is configured for the application and then the configuration file is saved, so the configuration file can be restored into all other gateways to be installed at different locations, thus speeding the installation process.

Reset to factory defaults

Use this option to restore the gateway to factory defaults. All settings, login codes, usage logs and login background images will be erased.

Activating cloud management


Guest Internet products must be activated before a cloud account can be used to manage the product.

Click on the Cloud Management menu entry in the Advanced Settings section , see the following page.

Check the box: Enable Cloud Management



Add the serial number to a new or existing account.

Creating and using a cloud management account is described in the next section.

 **Guest Internet Solutions**
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R4

Connected to the Internet: **YES**

Setup Wizard 
Status
System information
Connected users
Usage reports
Billing reports
Management
Manage codes
Hotspot availability
Change password
Reboot system
Advanced Settings 
Login settings
Login messages
Credit Card / PayPal
Disclaimer text
Time zone
Email setup
Content filter
Dynamic DNS
Bandwidth control
Network interfaces
Firewall
Port forwarding
Monitoring / alerting
Hostname
Allowed IP list
Blocked IP list
Allowed MAC list
Blocked MAC list
Printer Setup
Upgrade firmware
Backup & restore
Cloud Management

Cloud Management

To manage this gateway using the Guest Internet Cloud please go to <https://cloud.aplogin.com> and create an account. You will need to provide the ID of this gateway to create the account, the ID is 2bea0227.

Before creating an account, please enable cloud management so this gateway starts sending data to the cloud.

Enable cloud management: ☐

[Change settings](#)



Cloud Management

You can create a free GIS cloud account that permits you to log into your portal from anywhere, then monitor and manage all of your GIS products.

To learn more about the GIS Cloud, please click [here](#).

[Setup Cloud Usage Guide](#)

[Request Cloud Enabled Firmware](#)

Guest Internet Cloud

Sign up for a free account using your GIS unit serial number and see the benefits of using the cloud.

Unlike other cloud based systems, your GIS unit will continue to run without access to the Cloud making it more resilient to outages.

[Click here](#) to register for your account.

*Cloud functionality may not be available on older hardware

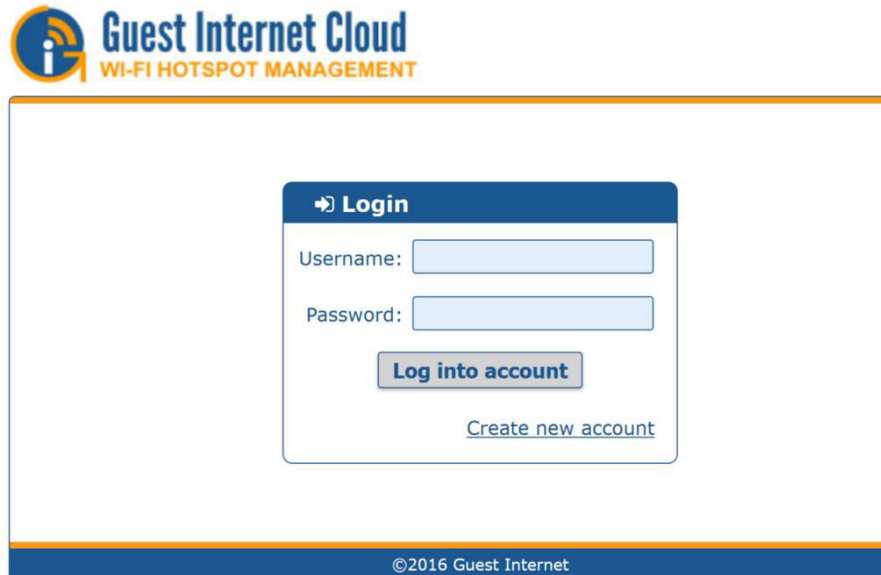
Cloud Management

The GIS Cloud permits any customer to log into their personal portal from anywhere, then monitor and manage all of their GIS products.



A Cloud account is free

When a new GIS product is being installed it will give the option to create a new Cloud account or register the product with an existing Cloud account. Then access the Cloud portal to monitor and manage the product.



The Cloud is optional

Connect a computer to the network and open the browser to access the GIS GUI for monitoring and configuring the product. However most customers prefer to use the Cloud for product management.



Manage remotely

Access any GIS product from anywhere by logging in to the personal portal. No need to modify network settings, no need to configure port forwarding.



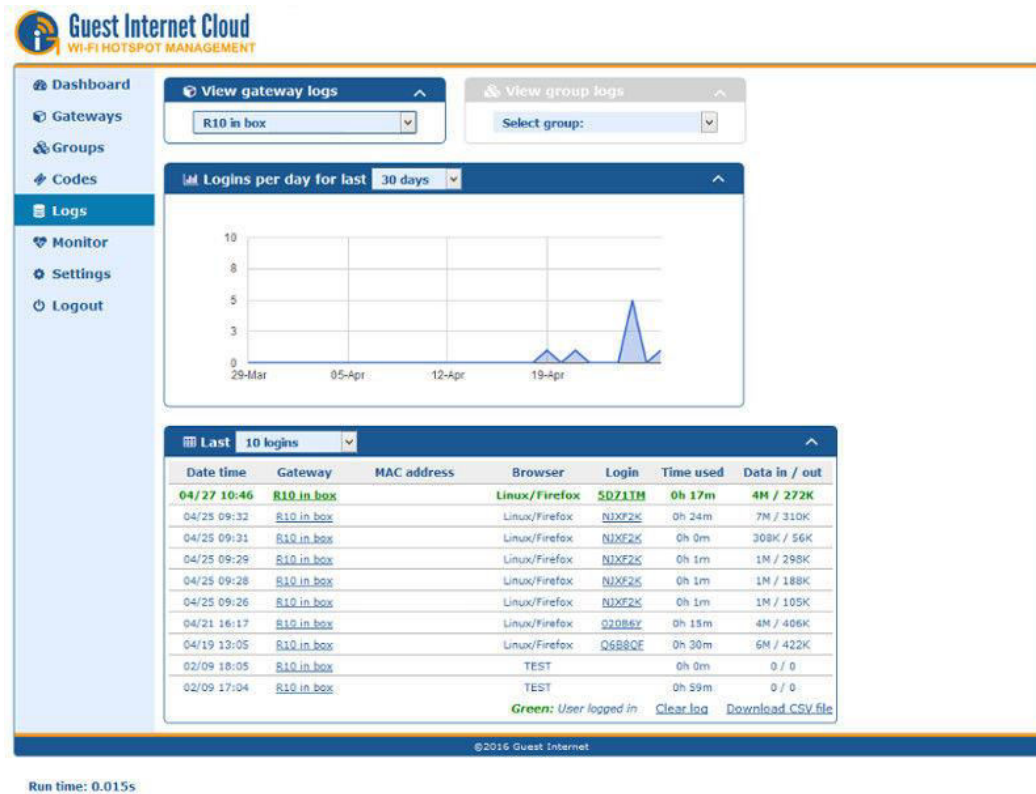
The power of the Cloud

The GIS Cloud gives access to one or to many GIS products, there is no limit to the number of products that can be monitored and managed using the Cloud portal, and no limit to network growth.



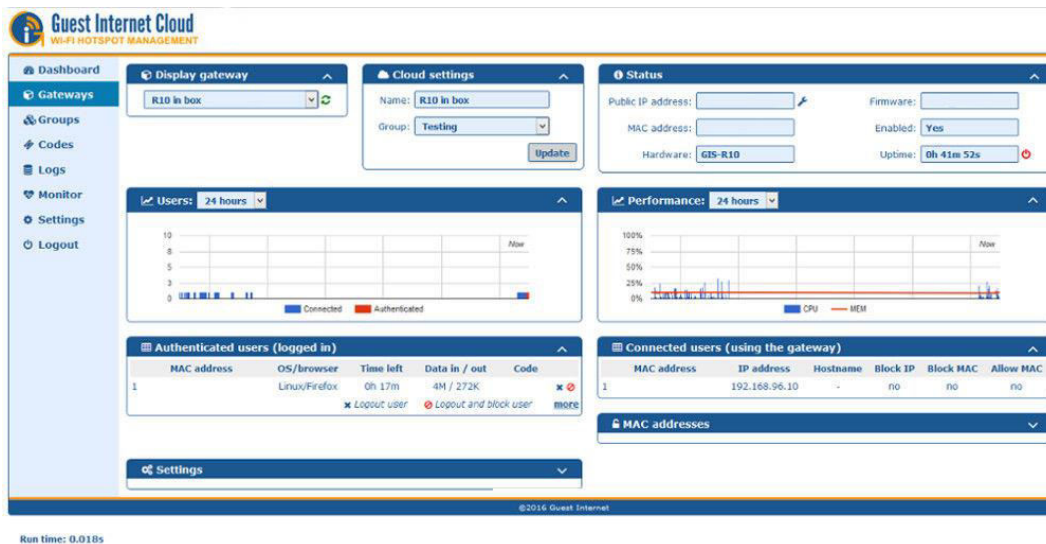
Manage many as one

The GIS Cloud permits many products to be managed as one group. Look at the groups stats, change the group settings. It's like having one big GIS product spread over many locations.



The Cloud advantage

The Cloud portal can send an email alarm when any product fails to connect to the Cloud, to facilitate support and maintenance.



Manage on the go

The GIS Cloud portal can be accessed from a 4G tablet or smartphone. Get warnings and correct problems 24 x 7 x 365



Managed services

IT service providers appreciate the value of the GIS Cloud as the ideal platform to offer managed services for their customers.



GIS Cloud Usage Guide

This guide is designed to help you make the most of the GIS cloud and utilise all its features.

If you run into any difficulty get in touch here

If you need help setting up your cloud account, please see the quickstart guide

Dashboard

This page shows basic information for all your units

Here you will find all you need to know at-a-glance to help you check for any problems with your network.

- The Status box shows a list of your registered GIS units, their status and the group they are in (if any).

Note: When red, this shows the unit has failed to check-in or is offline; these units will always be shown at the top of the table.

- The Logins graph plots the numbers of logins.
- The Logins table shows detailed information about the most recent logins.



Clicking on a Gateway's name will take you to the Gateway page for this unit.

Gateways

This page gives detailed information about one of your GIS units, and allows you to manage your gateways

When you first open this page you will see very little information. You first need to select one of your registered units from the dropdown menu (you will have at least 1). See the next figure.



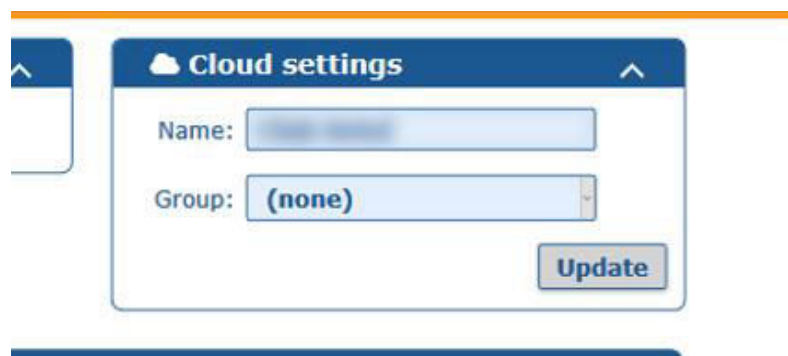
Once selected you will be able to view the gateway's Status, graphs showing the Connected Users and WAN usage, list of Authenticated users and list of Connected users.



You can also modify basic settings on this page and set allowed/blocked MAC addresses.

Cloud Settings

Allows you to change the name of your gateway and add your gateway into a group.



Status

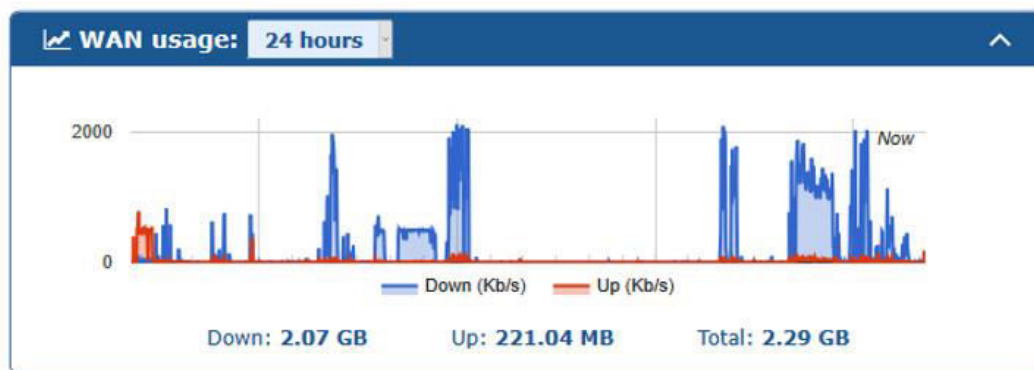
Shows information about your GIS unit itself (MAC address, current firmware etc)

It also shows the unit's uptime and whether it is currently enabled. If you have remote access enabled, you will be able to access the unit here using the spanner icon.



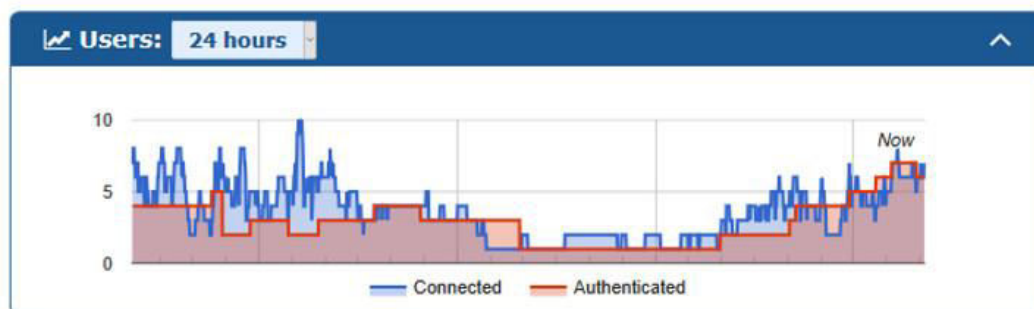
WAN usage

Shows the Kbps up and down on your unit over time. The timeframe can be altered to show more or less information, and hovering over the graph will give you absolute values.



Connected/Authenticated Users

Users Graph: The Users graph shows the connected and authenticated users over time.



Connected users: Users who have connected to the gateway, but not logged in.

The Connected users table shows the MAC addresses, hostnames and assigned IP addresses of connected users.

Connected users (using the gateway)						^
	MAC address	IP address	Hostname	Block IP	Block MAC	Allow MAC
1	08:00:27:00:00:00	192.168.96.224	192.168.96.224	no	no	no
2	08:00:27:00:00:00	192.168.96.75	192.168.96.75	no	no	no
3	08:00:27:00:00:00	192.168.96.36	192.168.96.36	no	no	no
4	08:00:27:00:00:00	192.168.96.116	192.168.96.116	no	no	no
5	08:00:27:00:00:00	192.168.96.247	192.168.96.247	no	no	no
6	08:00:27:00:00:00	192.168.96.252	192.168.96.252	no	no	no

Authenticated users: Users who have logged in to the gateway and have access to the Internet.

The Authenticated users table shows the MAC addresses, browser, time left, data up/down and code used to log in for each authenticated user. Here you can ban a user or log a user out.

Authenticated users (logged in)						^
	MAC address	OS/browser	Time left	Data in / out	Code	
1	08:00:27:34:8A:1E	Unknown/AppleWebKit	Unlimited	946M / 38M	00000000	x
2	08:00:27:34:8A:1E	Linux/Safari	Unlimited	27M / 1M	00000000	x
3	08:00:27:34:8A:1E	Windows/Chrome	Unlimited	10M / 4M	00000000	x
4	08:00:27:34:8A:1E	Linux/Chrome	Unlimited	61M / 2M	00000000	x
5	08:00:27:34:8A:1E	Linux/Chrome	Unlimited	27M / 4M	00000000	x
6	08:00:27:34:8A:1E	Linux/Chrome	Unlimited	3M / 429K	00000000	x

Allowed/Blocked MAC: This shows the current Allowed MAC and Blocked MAC addresses.

Allowed MACs allow a device to bypass the login page and have full Internet access at all times. Blocked MACs will prevent this device from logging in altogether. You can update this table and click the "update" button to edit this.

MAC addresses

^

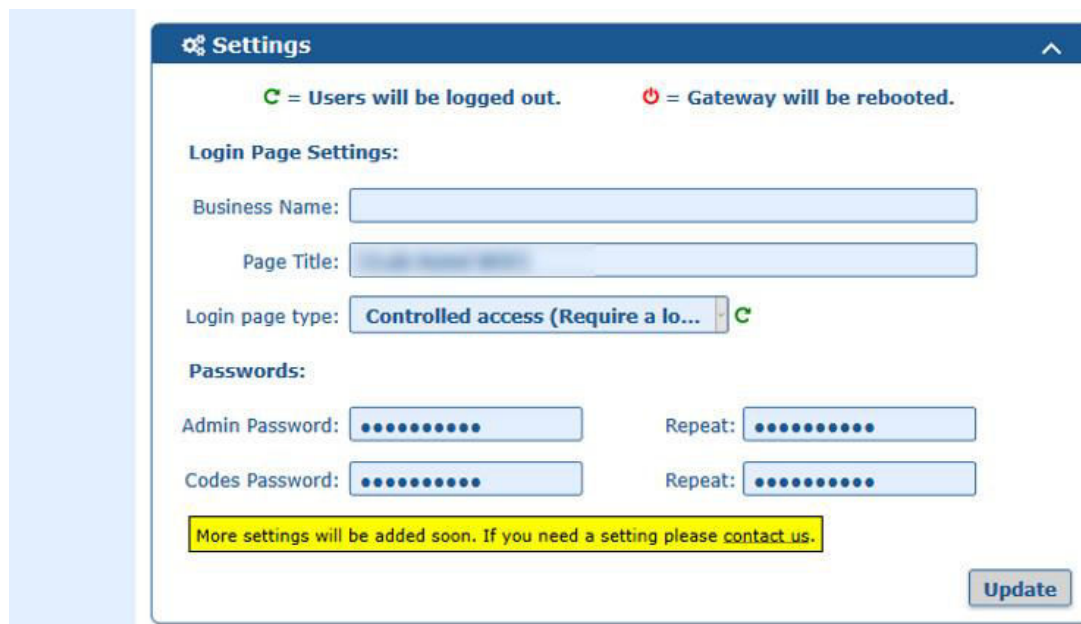
Allowed MAC list:

Blocked MAC list:

Update

Settings

Here you can edit basic settings on your unit.



The screenshot shows a web interface titled "Settings" with a gear icon. At the top, there are two status indicators: a green "C" for "Users will be logged out." and a red power icon for "Gateway will be rebooted." Below this, the "Login Page Settings:" section includes input fields for "Business Name:" and "Page Title:". The "Login page type:" is set to "Controlled access (Require a lo..." with a green "C" icon. The "Passwords:" section has two rows: "Admin Password:" and "Codes Password:", each with a "Repeat:" field. A yellow message box at the bottom states: "More settings will be added soon. If you need a setting please contact us." An "Update" button is in the bottom right corner.

Adding another GIS unit

When you set up your account, the GIS unit you signed up with is automatically added to your account. If you wish to add further units to your account, simply enter the ID of the unit into the "Add a Gateway" box, then click "Add gateway".



The screenshot shows a form titled "+ Add a gateway" with a plus icon and an upward arrow. It contains a "Hotspot ID:" label followed by a text input field. Below the input field, it says "Hotspot ID displayed on gateway's admin page". At the bottom, there is a button labeled "Add gateway".

Removing GIS unit from the Cloud

If you wish to remove a GIS unit from your Cloud account, on the Gateway page, under "Delete a Gateway", simply select the ID of the unit you wish to remove, and click "Delete Gateway"



The dialog box has a blue header with the title "Delete a gateway" and a close button. Below the header is a "Select gateway:" dropdown menu. Underneath is a checkbox labeled "Remove data from the Cloud". Below the checkbox is the text "Gateway can be added by another Cloud user". At the bottom is a "Delete gateway" button.

Groups

Create code groups (sharing codes across multiple GIS units)

With groups you can create codes to be used across multiple GIS units. Groups also allow for easier management and monitoring of multiple units. To use groups you must first create a group using a unique group name.



The dashboard features a sidebar with navigation links: Dashboard, Gateways, Groups (selected), Codes, Logs, Monitor, Settings, and Logout. The main content area has a "Service Status: OK" indicator in the top right. Below the sidebar, there are two panels. The left panel is titled "+ Add group" and contains a "Name:" input field and an "Add group" button. The right panel is titled "Campsite Shared" and shows "Empty group" with a link to "Add & remove gateways using gateway page." The footer indicates "©2016 Guest Internet".

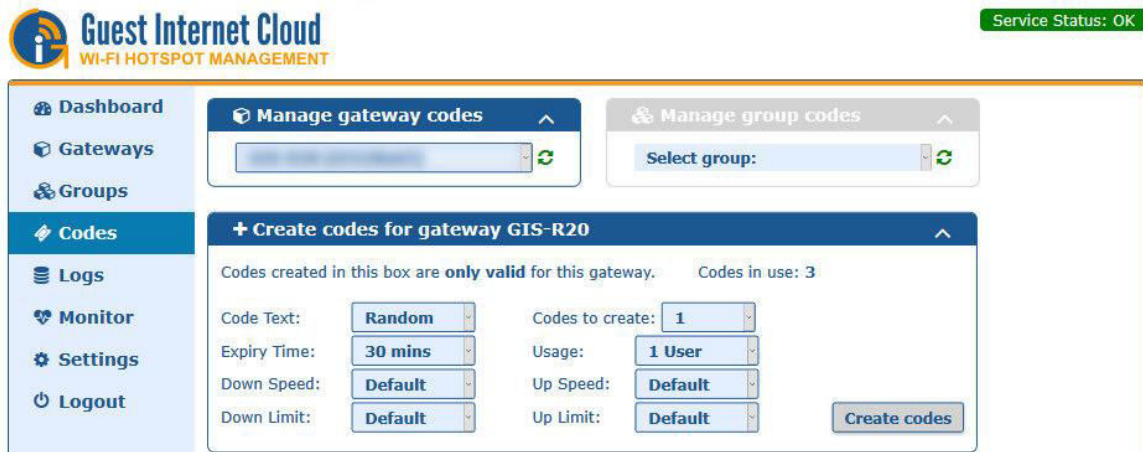
Once created you can add gateways to the group by selecting the group in the Cloud Settings on the Gateways Page. You can now create group codes which will be shared across any GIS unit in the group. These are created on the Codes page

Codes

Create codes for single GIS units or groups

You can create codes as usual for a single unit using the same method as on your local GIS admin interface.

- Code Text - The name of your code ("Random" creates alphanumeric random code)
- Number of codes to create - The number of random codes to create
- Expiry time - The amount of time you wish to give to the user
- Usage - Number of users for a single code (1-5 or unlimited)
- Down speed - Max allowed Mb/s down
- Up speed - Max allowed Mb/s up
- Down limit - Max allowed data downloaded
- Up limit - Max allowed data uploaded



Guest Internet Cloud
WI-FI HOTSPOT MANAGEMENT

Service Status: OK

Dashboard
Gateways
Groups
Codes
Logs
Monitor
Settings
Logout

Manage gateway codes

Select gateway: [dropdown] [refresh]

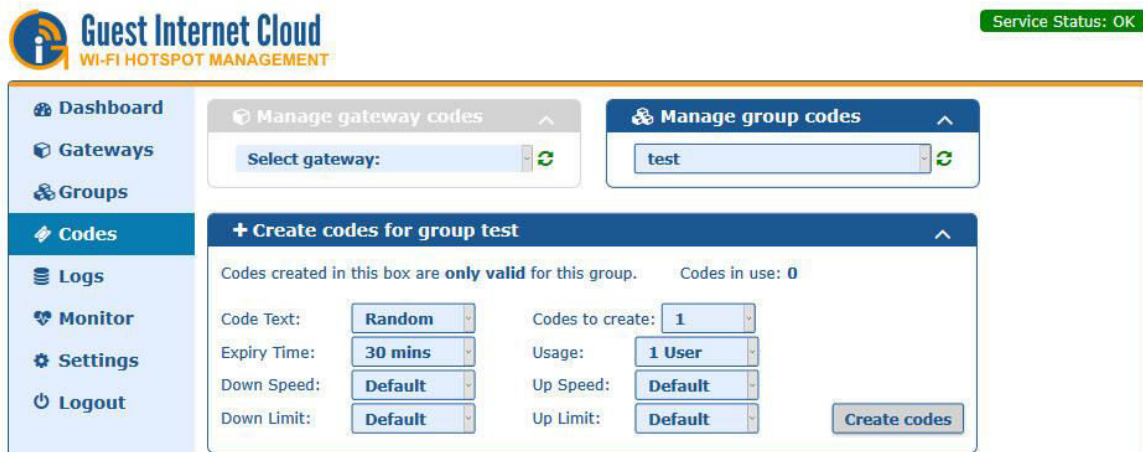
+ Create codes for gateway GIS-R20

Codes created in this box are **only valid** for this gateway. Codes in use: 3

Code Text:	[Random]	Codes to create:	[1]
Expiry Time:	[30 mins]	Usage:	[1 User]
Down Speed:	[Default]	Up Speed:	[Default]
Down Limit:	[Default]	Up Limit:	[Default]

[Create codes]

You can also select a group to create codes for. Group codes are created in the same way as individual gateway codes.



Guest Internet Cloud
WI-FI HOTSPOT MANAGEMENT

Service Status: OK

Dashboard
Gateways
Groups
Codes
Logs
Monitor
Settings
Logout

Manage group codes

Select group: [test] [refresh]

+ Create codes for group test

Codes created in this box are **only valid** for this group. Codes in use: 0

Code Text:	[Random]	Codes to create:	[1]
Expiry Time:	[30 mins]	Usage:	[1 User]
Down Speed:	[Default]	Up Speed:	[Default]
Down Limit:	[Default]	Up Limit:	[Default]

[Create codes]

You can also view all codes on this page for the selected unit or group. Group codes will be shown highlighted in green. (this will be the same on your GIS unit's local admin interface > Manage codes page.)

Manage codes for gateway GIS-R20

Enter code to check:

Download CSV file

	Code	Time	Users	Time left	Dwn kb/s	Up kb/s	Dwn MB	Up MB	Dwn used	Up used
<input checked="" type="checkbox"/>	8THPFL	30 mins	1	30 mins	D	D	D	D		
<input checked="" type="checkbox"/>	GROUPCODE1	30 mins	1	30 mins	D	D	D	D		
<input type="checkbox"/>	QWE	1 day	2	Expired	D	D	D	D	3M	5M
<input type="checkbox"/>	RD47PE	30 mins	1	30 mins	D	D	D	D		
<input type="checkbox"/>	SINGLE	U	1	U	D	D	D	D	531K	163K

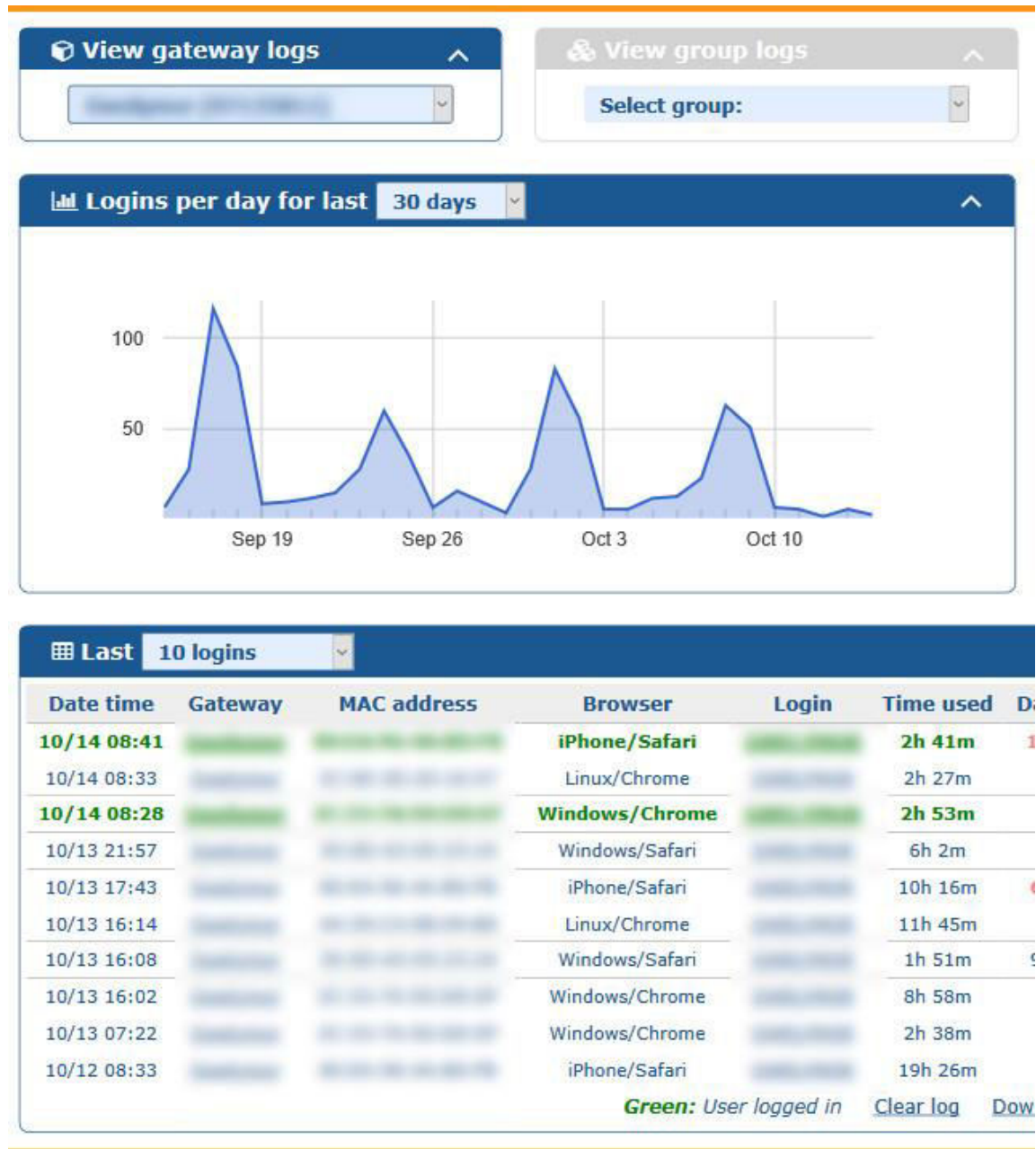
D Default U Unlimited

Logs

View logs (usage reports)

On this page you monitor usage using the graph of past usage for a single unit or a group of units.

You can also see a table of the latest connections for a single unit or group, much like the Usage reports on your GIS unit's local admin interface. You can choose which unit you wish to show logs for. The Users Graph/Table is shown on the following page.



The Cloud Group Graph and Table is shown below.



Monitor

Monitor Unit Status and set up Alerts

The live monitor status shows any unit which is not currently checking in with the Cloud, and shows how long it has been down for.

Tip: You can hover over the cross or tick under "Status" to see when the unit last checked in.

You can also create automatic email alerts, to let you know as soon as one of your units goes offline.

When selected, if a unit does not check-in for 5 minutes and alert email will be sent to the address you signed up with. A second email will be sent when it comes back online.

Next to each registered unit you will see a checkbox for both Alert and Hide options. When Alert is selected, an email alert will be sent if this unit goes offline. If hide is selected, this will remove it from the gateways page.

Monitoring status

Gateway	Group	Downtime	Status
Example K1	group	7 mins	✗

✗ Check-in ✉ Alert sent ⚠ Warning

Monitoring settings

The monitoring settings currently only allow you to receive one email when the gateway fails to check-in and a further email when the gateway is back online.

Alert email address:

Downtime before alert:

[Alert](#) [Hide](#)

[Courtney Test K1](#) ☐ ☐

[Change Settings](#)

©2016 Guest Internet

Settings

Allows you to change your password

This page allows you to change your password. Further settings may be added in future.

Failure to check-in/offline

What it means if your unit shows as offline

Failure to check-in/offline

X If your unit is showing red on the dashboard or on the monitor page it means your unit is either offline or that it has not checked in with the cloud in over 5 minutes.

/ If you see a red tick next to your unit, this means it has not checked in for over a minute, but below the 5 minute cut-off period to be shown as being offline. This would indicate a potential issue with the unit reporting to the cloud.

In either of the above cases, this does not necessarily mean the unit is not working; just that it has not reported to the cloud. Potential causes are that either the unit has lost access to the Internet, has an error preventing it from contacting the cloud or that it is not working altogether.

If your unit shows as being offline, you will need to investigate to find the cause. If the unit seems to be working correctly, but not reporting to the cloud, please contact us via the support page.

Mobile

On mobiles the interface will alter slightly

On mobiles and tablets, to maximize on available space, the menu will be moved to the top and will display icons rather than text. The icons left to right are in the same order as top to bottom as on the Desktop view.



Cloud FAQ

Frequently Asked Questions

Q: How do I set up a new account?

A: See the setup guide [here](#).

Q: How do I add another unit to my account?

A: Simply enter your units ID into the "Add a gateway" box on the Gateways page. See [here](#).

Q: How do I create a code/group code?

A: Codes are created in the same way as on your GIS unit's local admin pages. Select the code settings and click "create codes". This can be done on the codes page. See [here](#).

Extra Information

Reset to Factory Default

It is possible to get locked out of the Guest Internet gateway product, by forgetting the password or by incorrectly changing one of the IP addresses shown on the network configuration page.

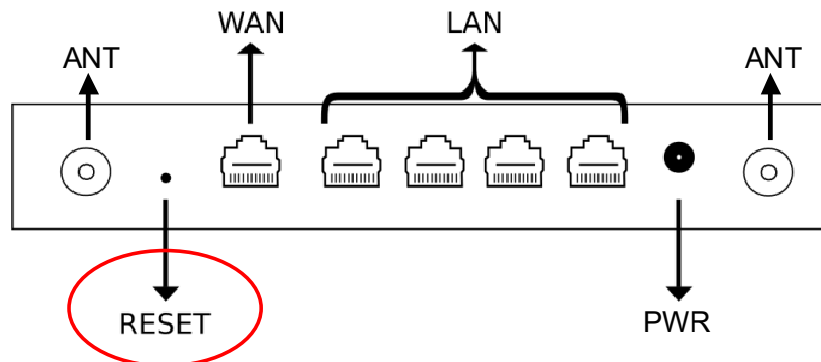
This section describes procedures to reset all the necessary product parameters to factory defaults so that the product can be accessed once more.

If you want to erase all data from your unit, see information [here](#).

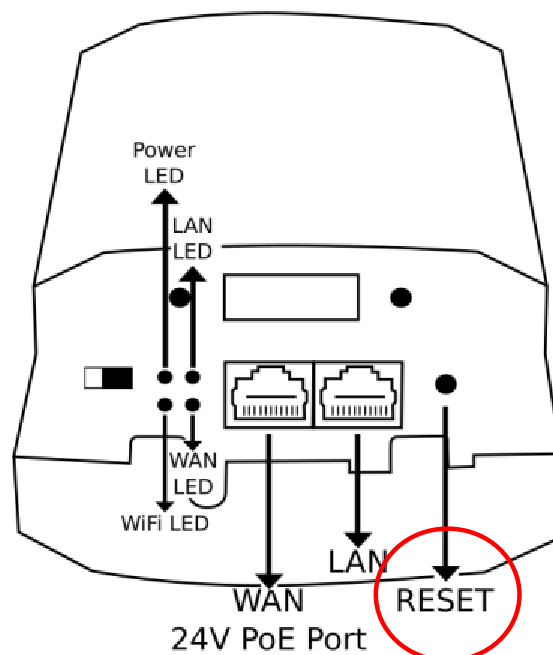
Reset to defaults as follows:

1. Power up the gateway unit and locate the hole in the enclosure for the reset button.
2. Using a paper clip, push the reset button (a click will be felt) and hold down for 10 seconds, after which the factory defaults will be restored.

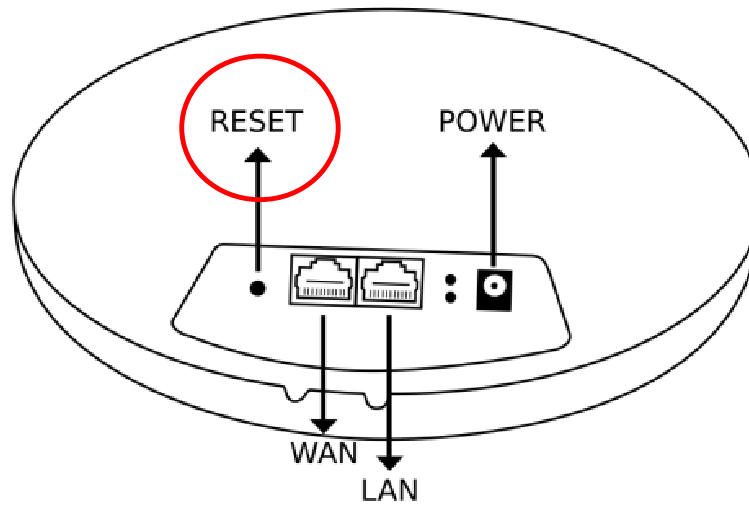
GIS-K1



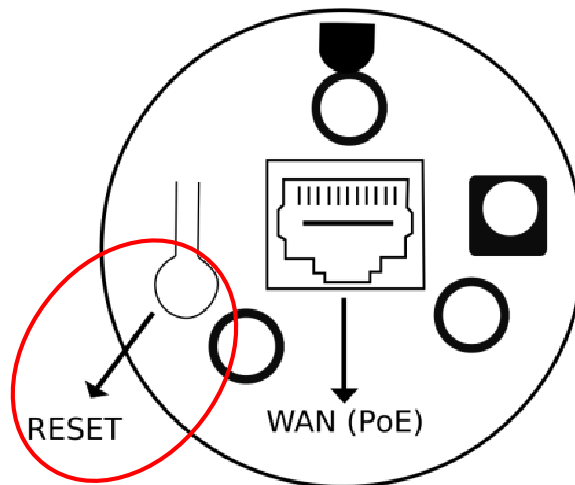
GIS-K3



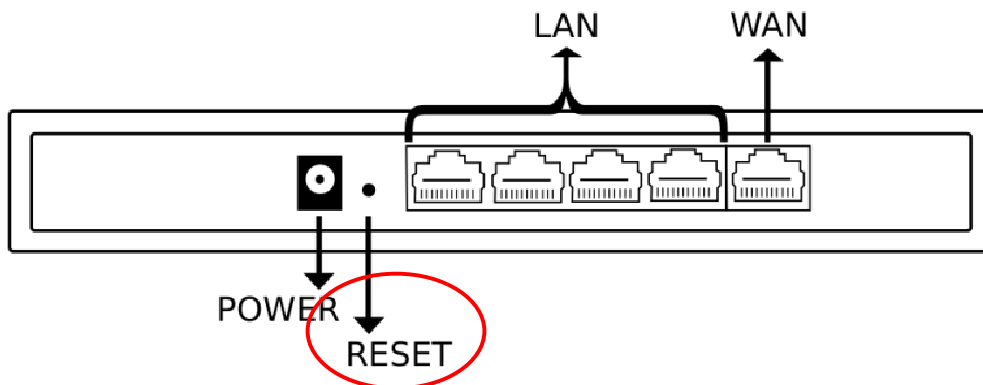
GIS-K5



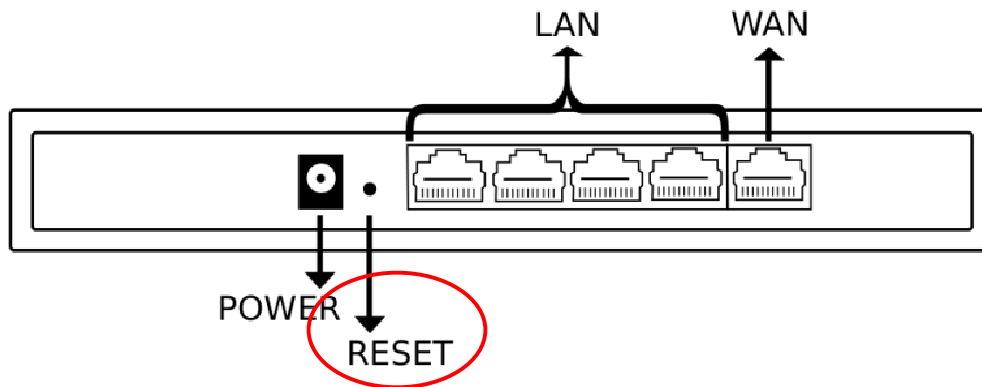
GIS-K7



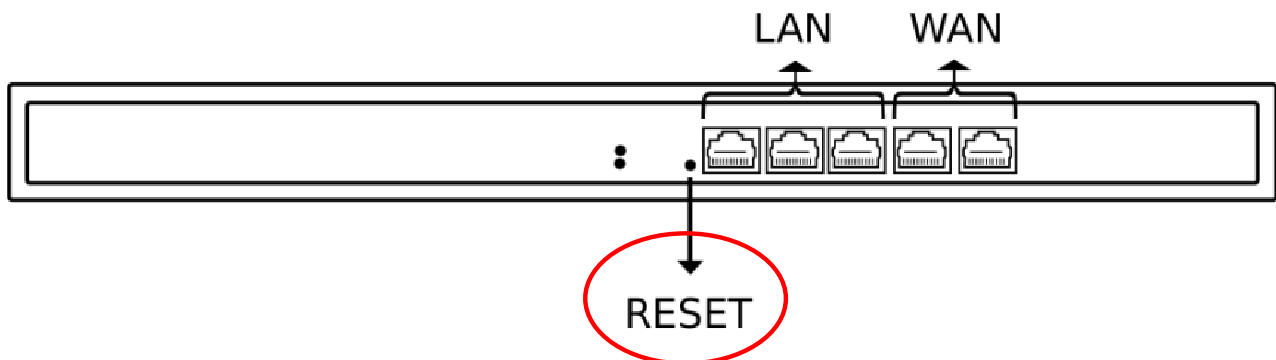
GIS-R2



GIS-R4



GIS-R6

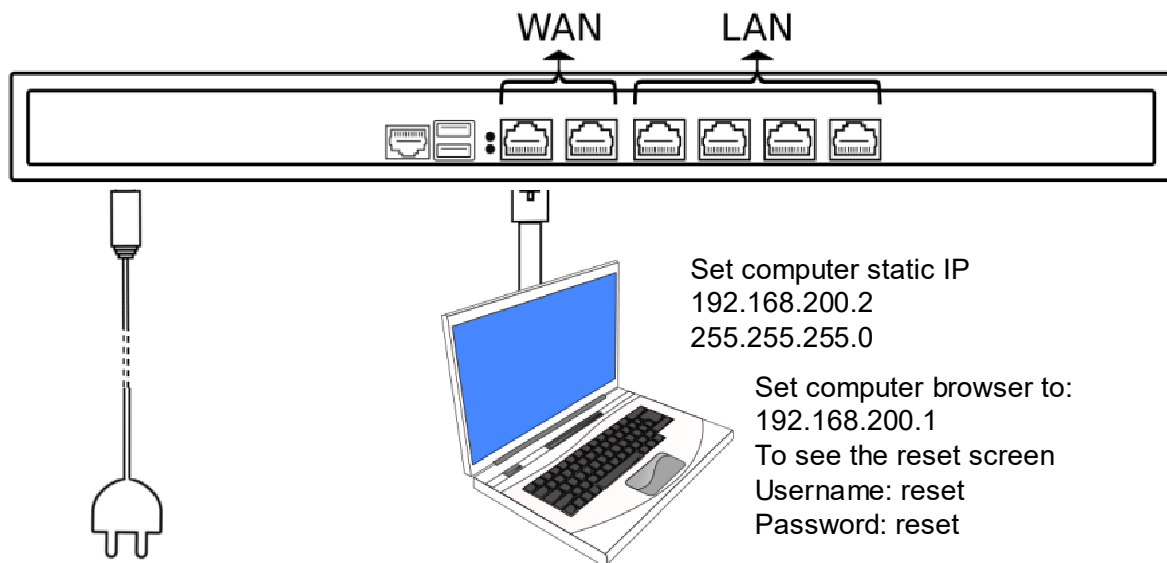


The GIS-R10, GIS-R20, and GIS-R40 products do not have a reset button.

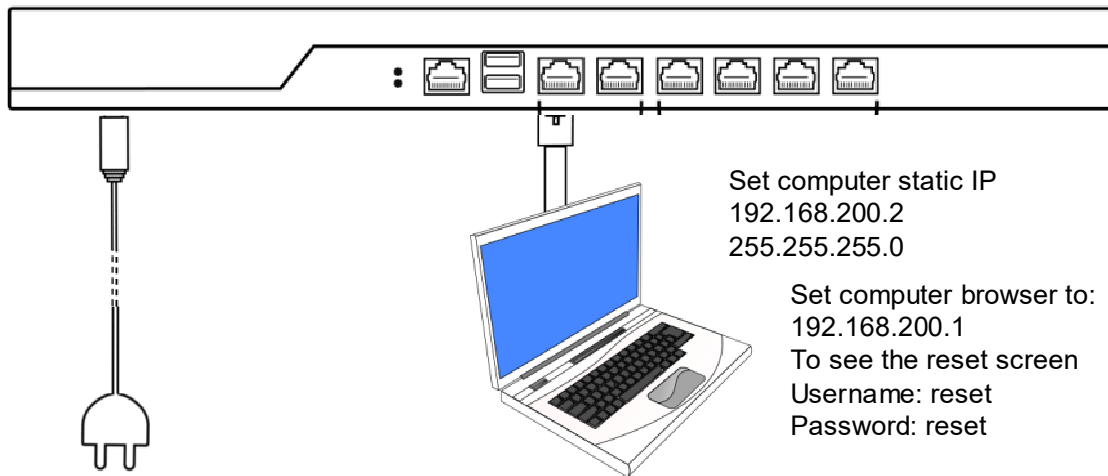
To reset to the factory default configuration:

1. Connect a computer to the primary WAN port of the device.
2. Set the computer Ethernet port to an IP of **192.168.200.2** and Subnet Mask **255.255.255.0**.
To learn how to set a static IP address on your device, click [here](#).
3. Open the browser at an IP address of: **192.168.200.1**.
4. Type the username **reset** and the password **reset**.
5. Click on *enter*, another page will appear.
6. Click on the Reset to defaults button and then wait two minutes.
7. Switch the product power off then on.
8. Proceed to reconfigure the product using the wizard as described in an earlier section.

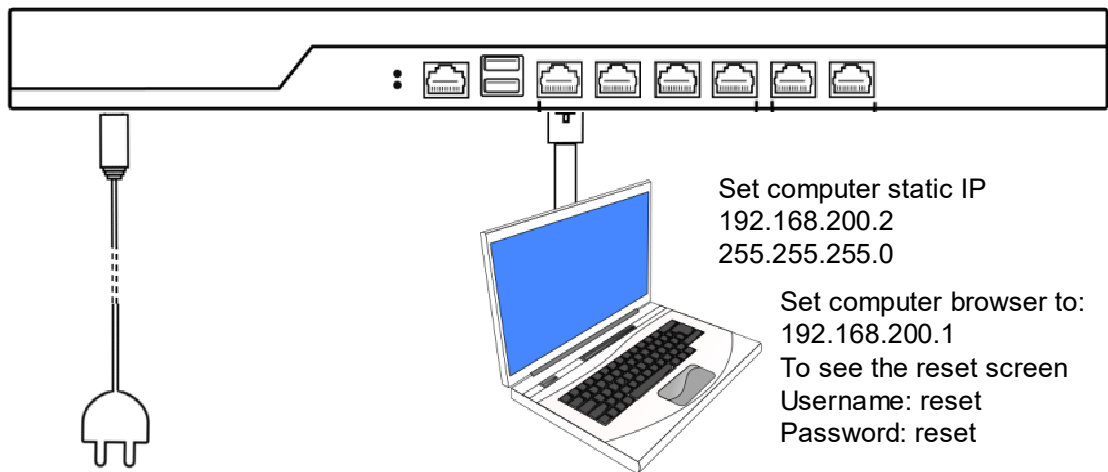
GIS-R10



GIS-R20



GIS-R40



Troubleshooting your GIS

Unit stuck on "System Test Please Wait..."

If your unit is stuck on "System Test Please Wait..." the first thing you need to do is [reset to factory defaults](#).

If after resetting your unit, it still does not work, please [contact us](#), as the unit will need to be sent back for repairs.

Unit does not have access to the Internet

The GIS units will run a number of checks for potentially quite some time to determine if the Internet connection is stable enough to return, to avoid complaints from your guests having issues with internet connection, but no error from the GIS unit.

Please follow the steps below:

1. Check Internet access with your router
2. Check that your router is plugged to the WAN port of your GIS unit
3. On the System Preferences page of the admin interface, check if you are getting an IP on the WAN port

If you are having continued issues with this, please [contact us](#), so we can look further into the issue.

I can't get to the admin interface

First check you are connected directly to the unit via ethernet (this is preferable for troubleshooting), then visit <http://aplogin.com/admin>.

If this fails, check you are [getting an IP](#) from the unit. If so, please visit the GIS unit's LAN IP address manually (by default on LAN1 this is 192.168.96.10).

If not, please reboot the unit and check all connections.

If the issue persists, attempt a [factory reset](#).

If you are still having problems, please [contact us](#).

Users cannot see login page

Check if the user is actually connected to the unit and check they see the login page when manually visiting <http://aplogin.com>.

Redirection is a problem when the users home page is encrypted (https) which is becoming increasingly common.

If an attempt is made to redirect an encrypted connection then the browser will show a message that the computer is being hacked, or similar. Redirection of an encrypted connection is called a 'man-in-the-middle' attack.

For this reason if the user tries to establish a https connection behind the login page then we do not respond, in the hope that the user will try a http connection.

Please instruct your guests to use an HTTP or you could advice to go to <http://aplogin.com>

Most modern devices will open a browser by default when recognising connection behind a captive portal and open their default browser or mini-browser at a http page, to allow for redirection. This will be the case for most users.

Only one concurrent user can connect to the internet

When only one user can be logged in at any one time, so each user will get internet access, but will be dropped as soon as another connects. Most admins would not notice this, and would instead see that users can log in for a short period of time, and are then logged out.

This means that your Access Point is not set on bridge mode, so all the users are getting the same IP address. Therefore only one user can get access.

We have set a few examples on how to setup your Access Point correctly in bridge mode, to read more, please click [here](#)

This could also be the issue if users are seeing the **"There was an error"** generic message.

Wireless Access Points

Below are a selection of access points and documentation for configuring them to work with the Guest Internet units:

TP-Link

[TL-WA801ND](#)



Deliberant

[APC Button af](#)



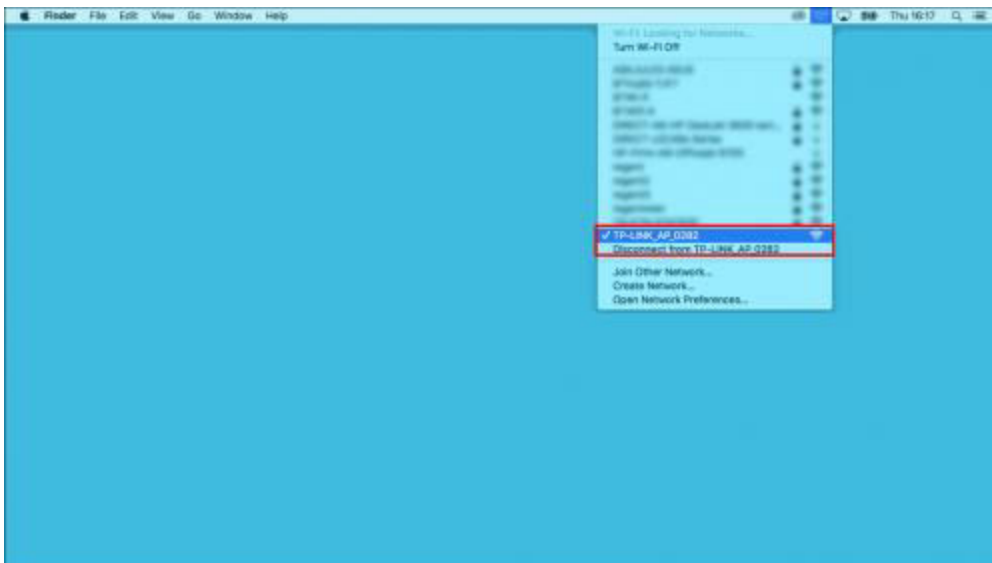
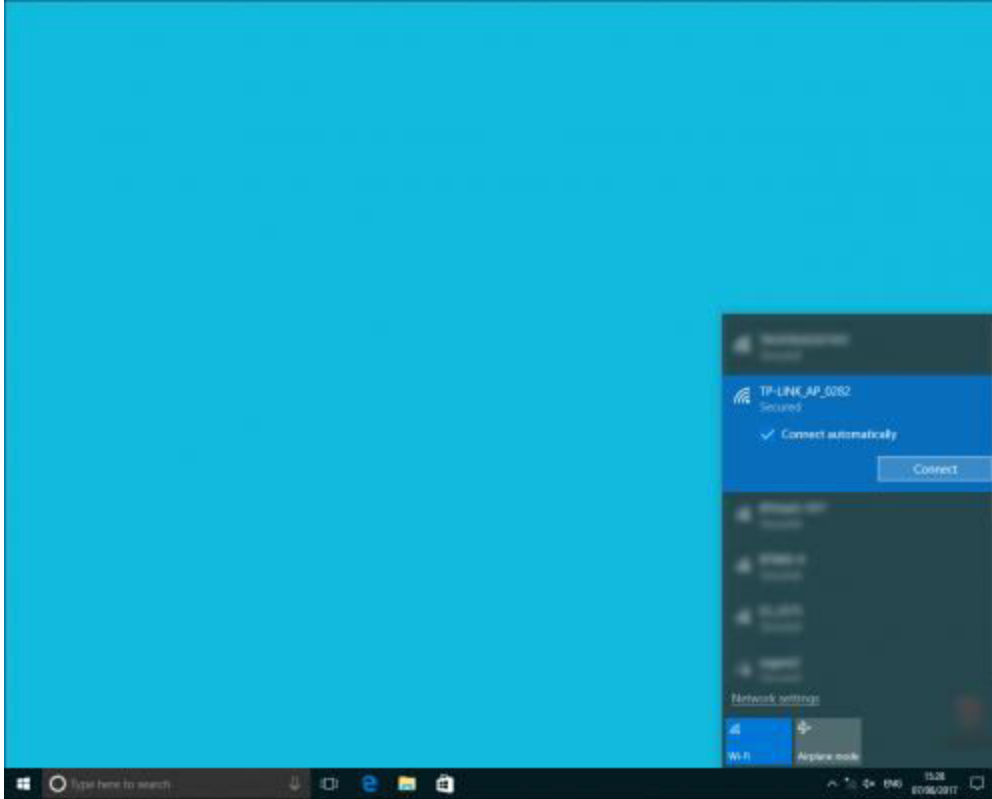
Edimax

[EW-7438RPn](#)



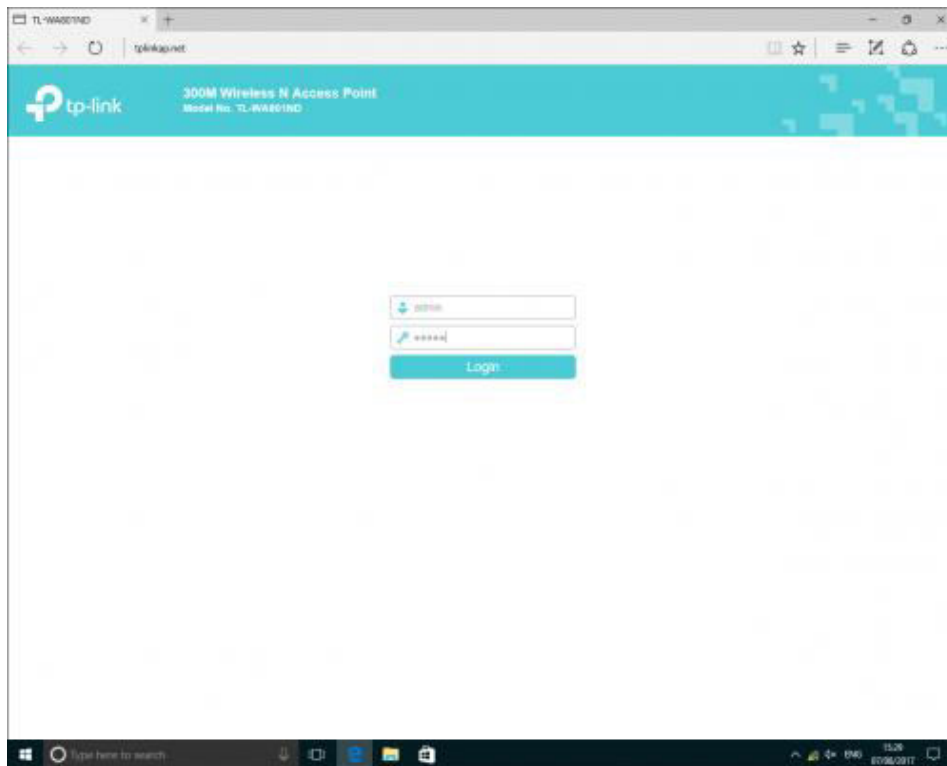
TP-Link - TL-WA801ND

1. Power up the TP-Link
2. Connect to the WiFi network (SSID and Password are printed on the label of the access point)

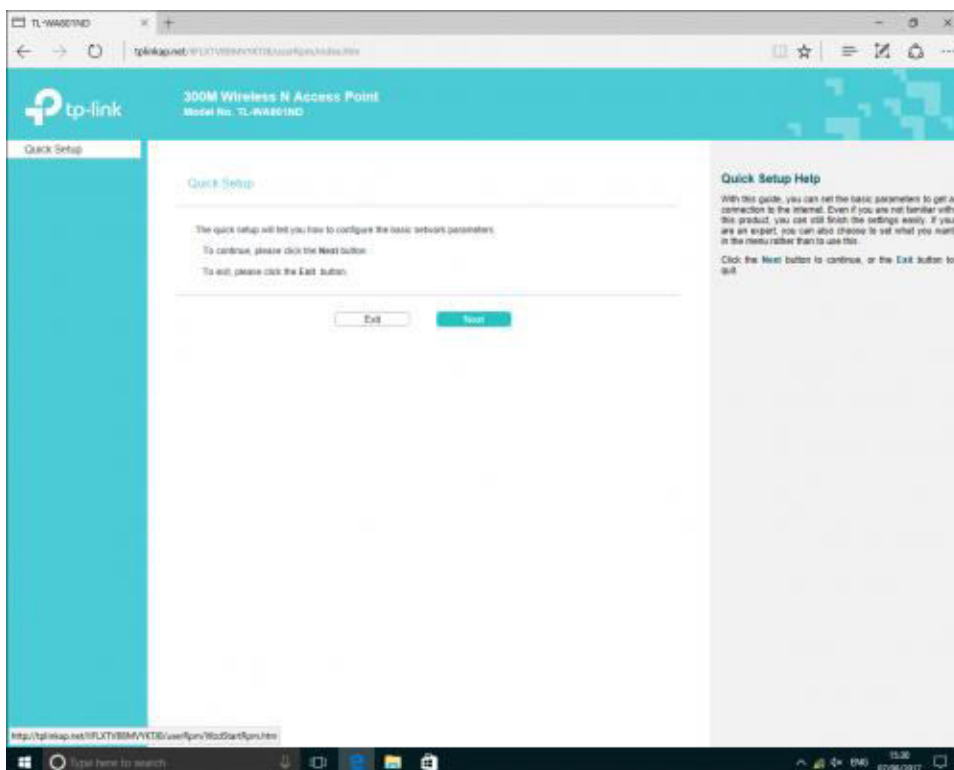


The WiFi name is not the same for all TP-Link - TL-WA801ND units

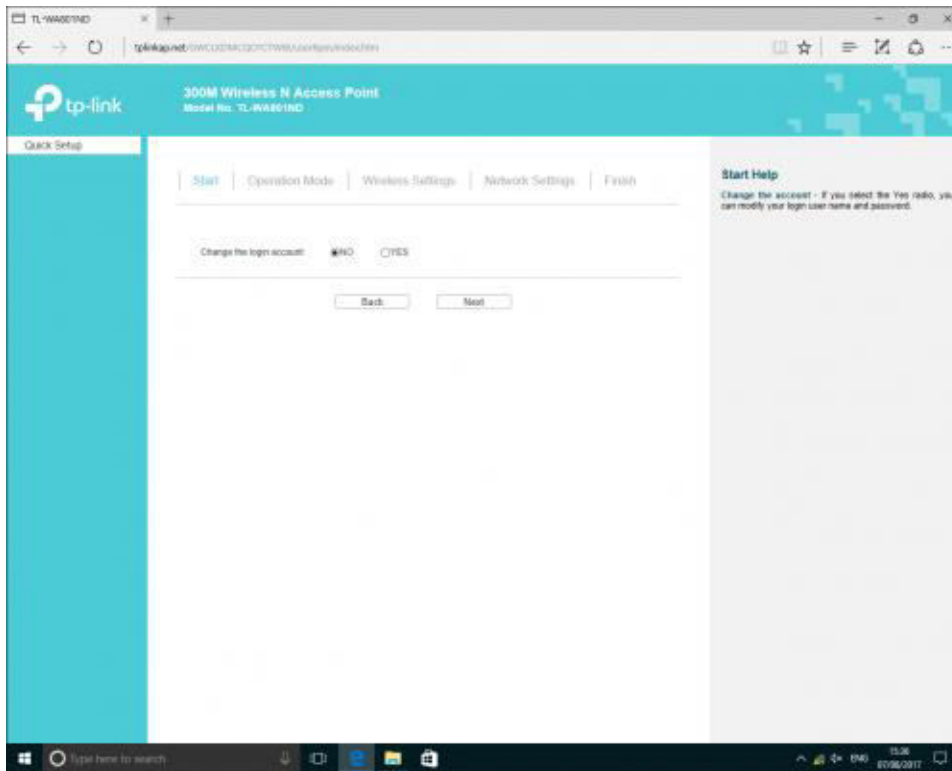
3. Open your browser and go to **http://tplinkap.net** and then log in (user name and password are both **admin**)



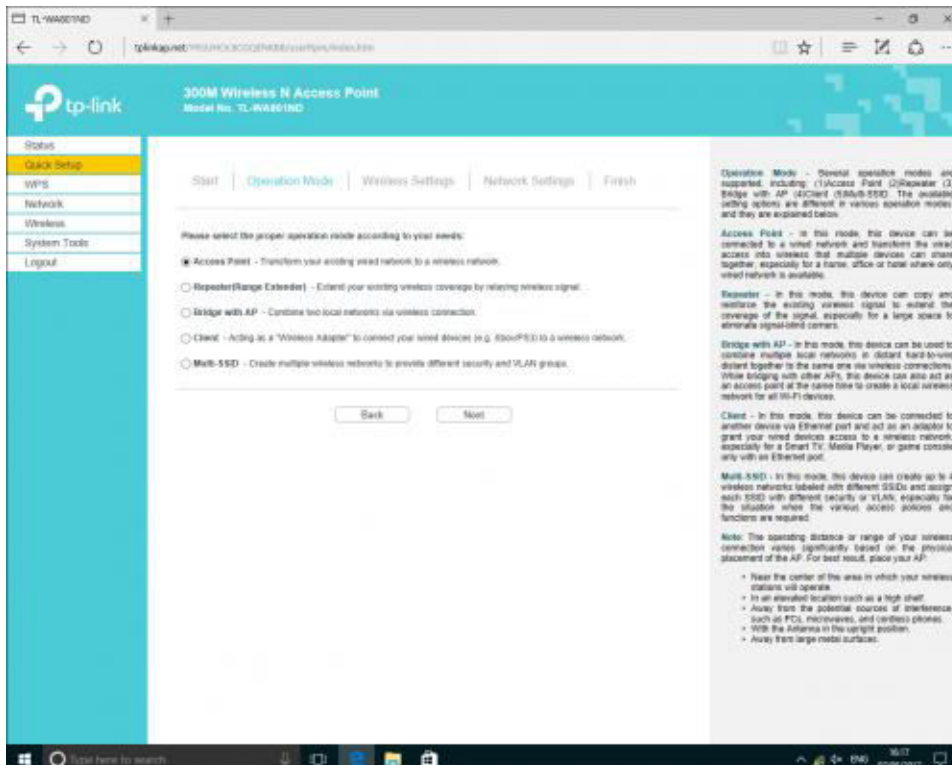
4. Click **Quick Setup** and click **Next**



5. If you want to modify your login user name and password, select the YES radio button in the **Start** tab

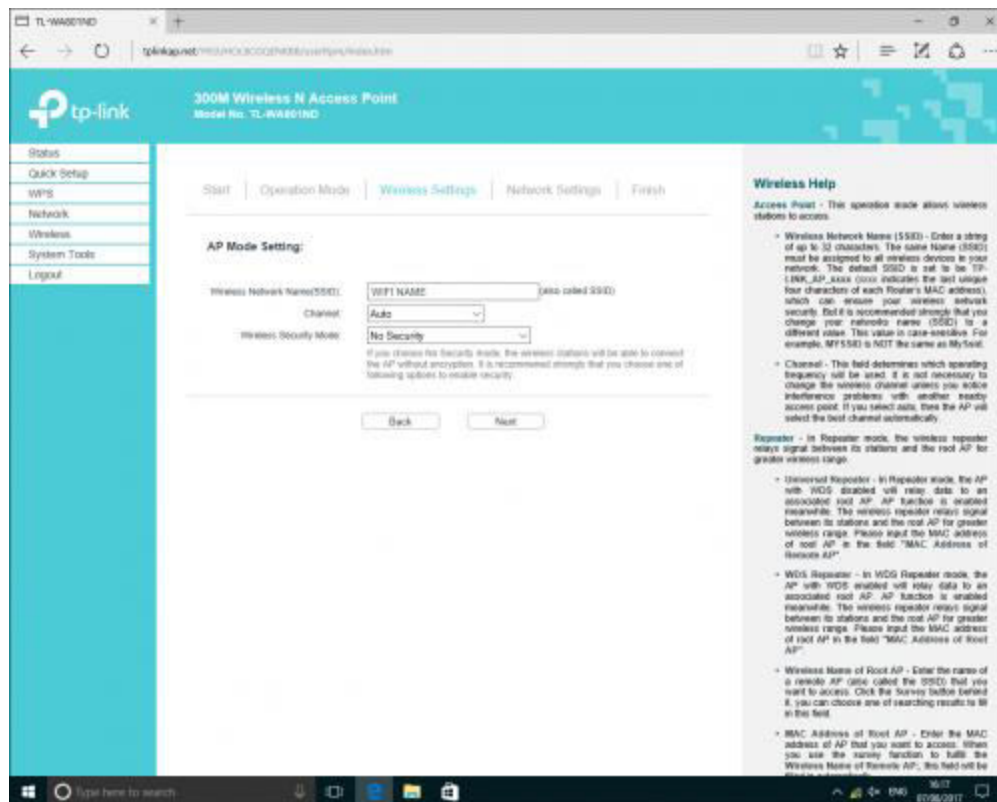


6. In **Operation Mode** select **Access Point**



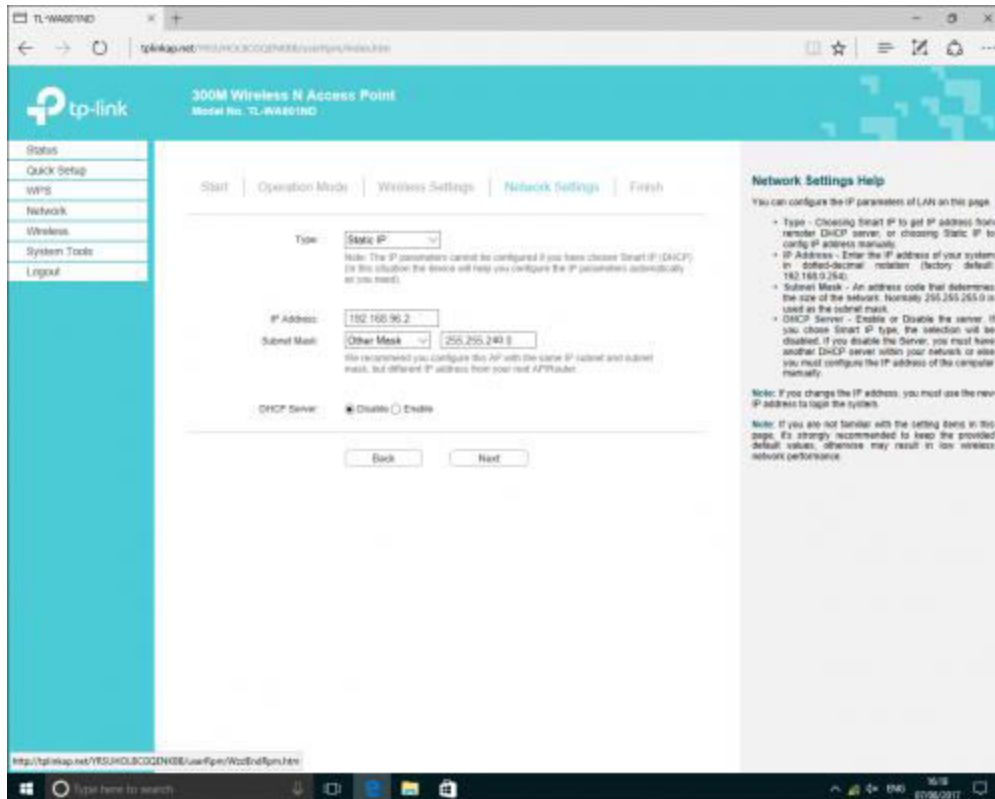
7. Wireless settings:

- **Wireless Network name (SSID):** The name you want your clients to view when connecting to your network
- **Channel:** If left in **Auto** it will automatically choose the least busy channel
- **Wireless Security Mode:** The **No Security** mode permits the clients to see your login page as soon as they try to connect. If security mode is selected, clients will need to use the Access Point password before being able to see your login page



8. Network Settings:

- **Type:** Static IP
- **IP address:** On the range of the LAN port being used, to see default range click [here](#)
- **Subnet Mask:** Select **Other Mask** and enter 255.255.240.0
- **DHCP Server:** Disable



TP-Link 300M Wireless N Access Point
Model No. TL-WR801ND

Start | Operation Mode | Wireless Settings | **Network Settings** | Finish

Type: **Static IP**
Note: The IP parameters cannot be configured if you have chosen Smart IP (DHCP). In this situation, the device will help you configure the IP parameters automatically as you need.

IP Address: 192.168.96.2
 Subnet Mask: **Other Mask** 255.255.255.0
We recommend you configure this IP with the same IP subnet and subnet mask, but different IP address from your host computer.

DHCP Server: ☒ Disable ☐ Enable

Back Next

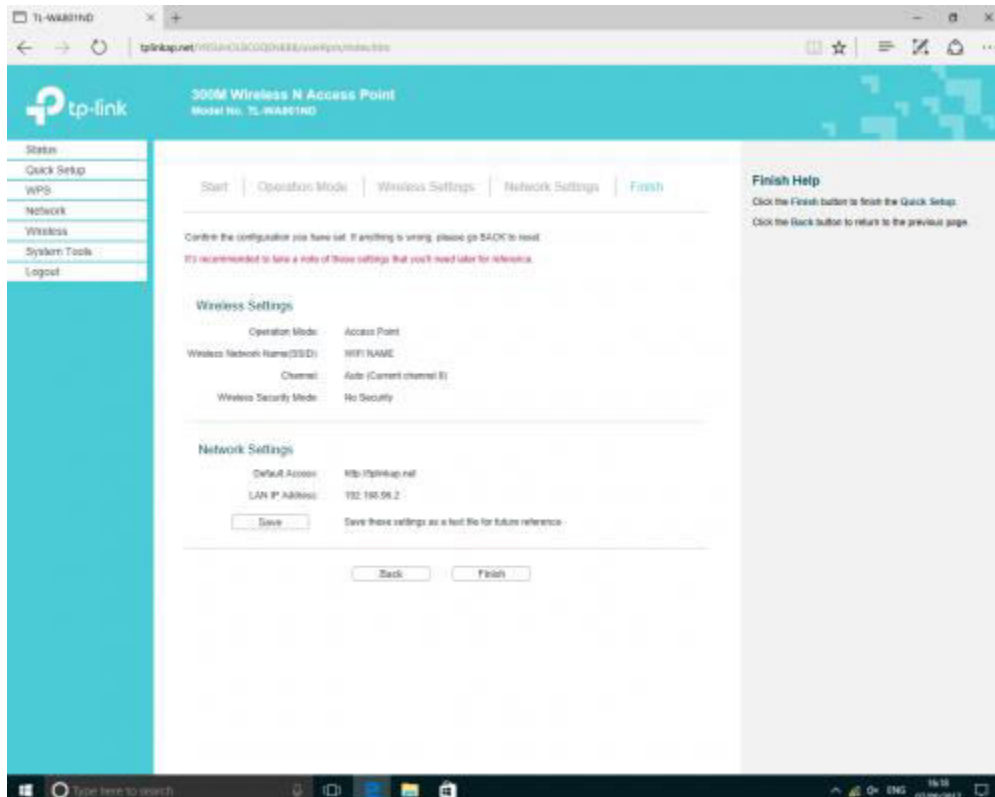
Network Settings Help
 You can configure the IP parameters of LAN on this page.

- Type - Choosing Smart IP to get IP address from remote DHCP server, or choosing Static IP to config IP address manually.
- IP Address - Enter the IP address of your system in dotted-decimal notation (factory default: 192.168.0.254).
- Subnet Mask - An address code that determines the size of the network, normally 255.255.255.0 is used as the subnet mask.
- DHCP Server - Enable or Disable the server. If you choose Smart IP type, the selection will be disabled. If you disable the Server, you must have another DHCP server within your network or else you must configure the IP address of the computer manually.

Note: If you change the IP address, you must use the new IP address to login the system.
Note: If you are not familiar with the setting items in this page, it's strongly recommended to keep the provided default values, otherwise may result in low wireless network performance.

10. Finish:

You can save the settings as a text file and click **finish**



TP-Link 300M Wireless N Access Point
Model No. TL-WR801ND

Start | Operation Mode | Wireless Settings | Network Settings | **Finish**

Confirm the configuration you have set. If anything is wrong, please go BACK to reset.
 It's recommended to save a copy of these settings that you'll need later for reference.

Wireless Settings

Operation Mode: Access Point
 Wireless Network Name(SSID): WFI NAME
 Channel: Auto (Current channel 1)
 Wireless Security Mode: No Security

Network Settings

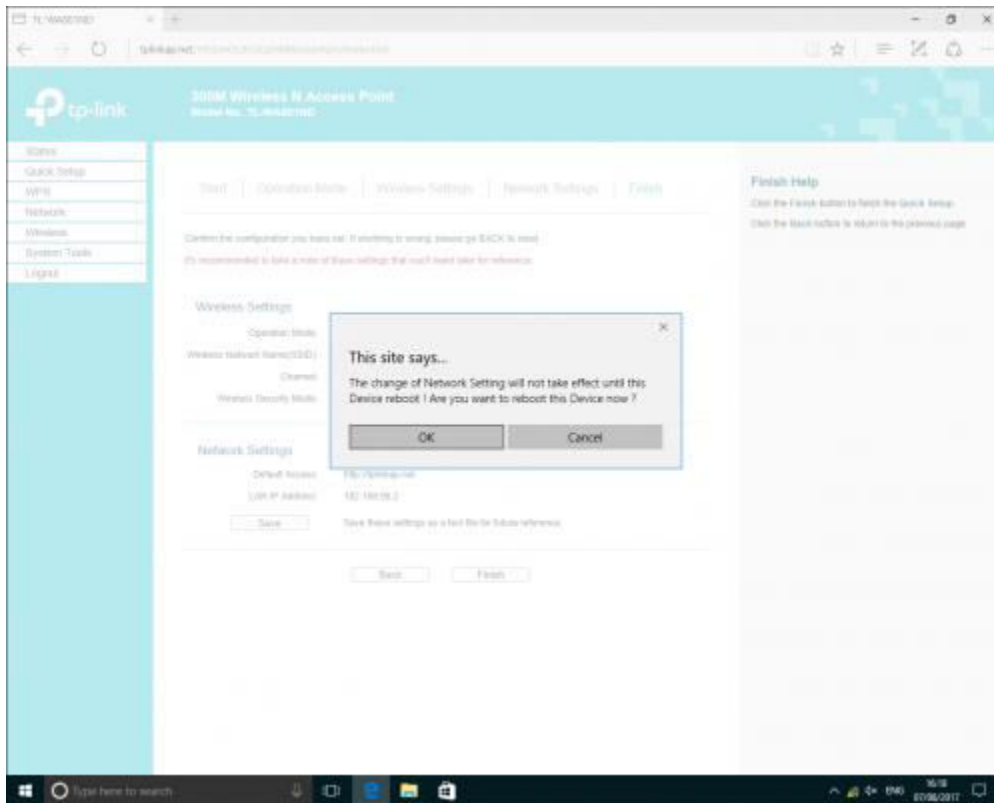
Default Access: http://tplink.net
 LAN IP Address: 192.168.96.2

Save Save these settings as a text file for future reference.

Back Finish

Finish Help
 Click the Finish button to finish the Quick Setup.
 Click the Back button to return to the previous page.

10. Click **OK** and wait for the device to reboot



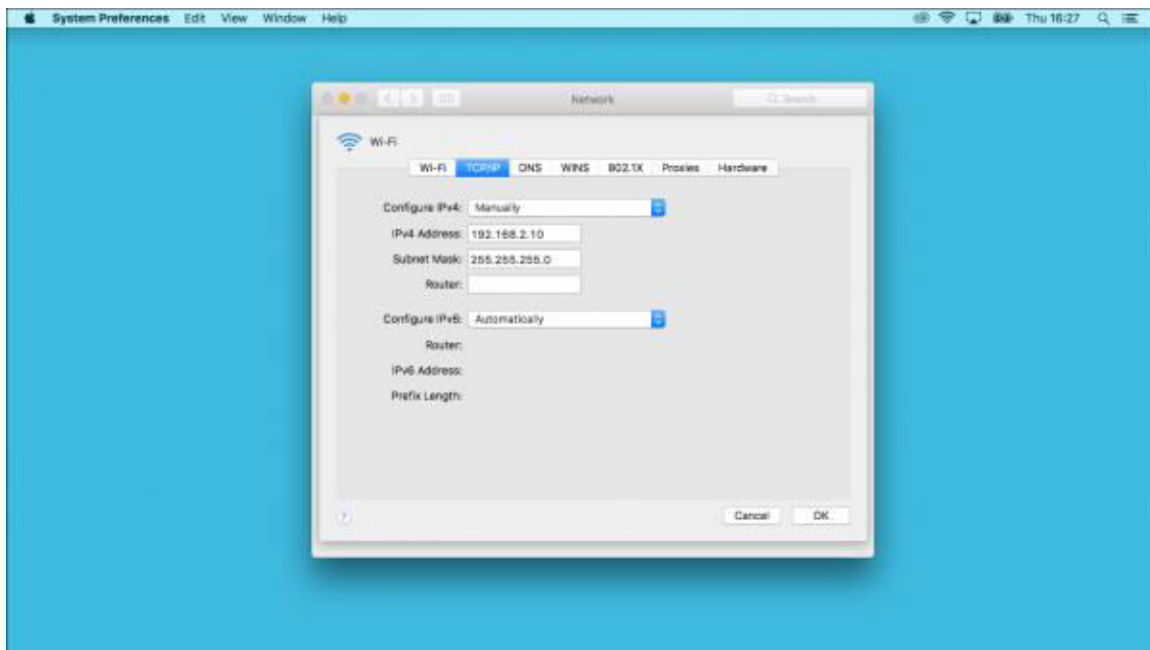
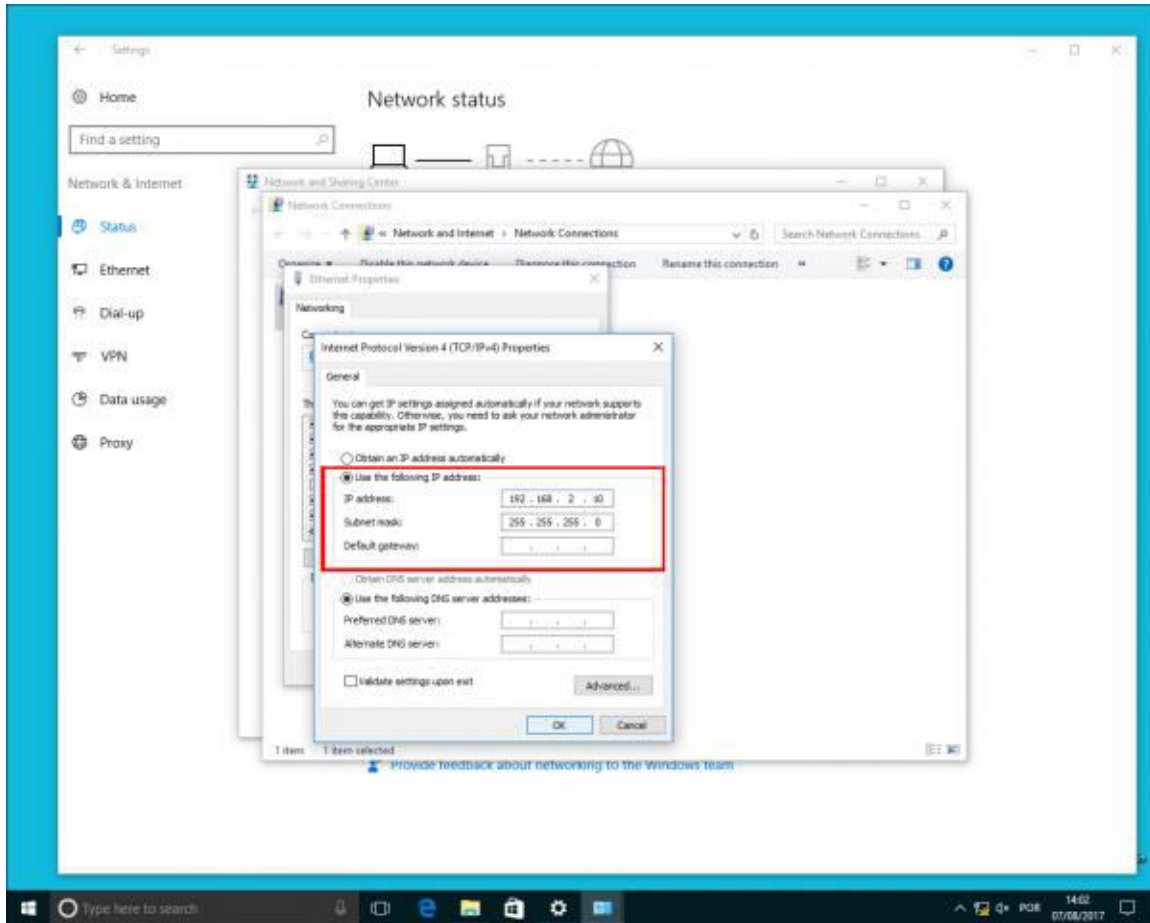
Now your TP-Link Access Point is ready to use, just connect an ethernet cable from the Access Point to the LAN port of your GIS unit.

Deliberant - APC Button af

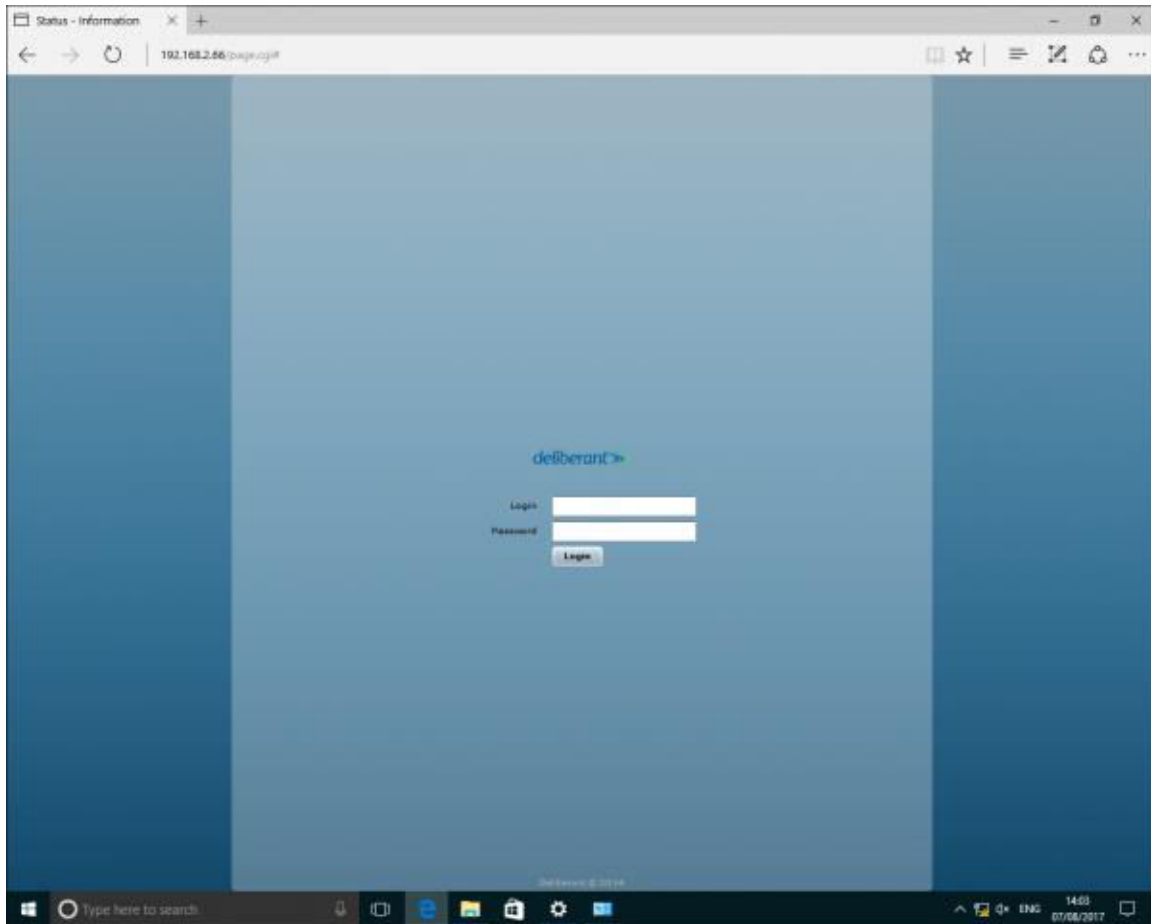
1. Connect an ethernet cable from LAN to your computer and from PoE to the Deliberant Access Point.
2. Set a static IP address; please see the instructions for your platform :
[Windows 7, Windows 8, Windows 10](#)
[MAC OS](#)

You will need to set:

- **IP address:** 192.168.2.10
- **Subnet Mask:** 255.255.255.0

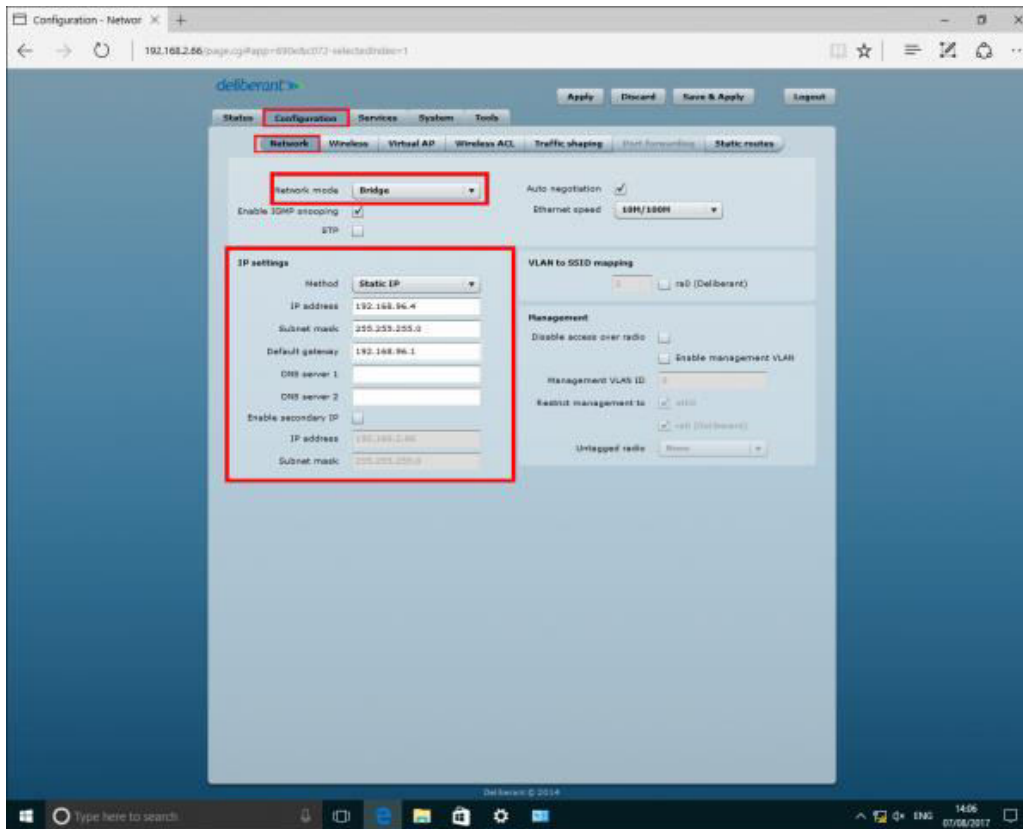


3. Open your browser and go to **http://192.168.2.66** and then log in (Login: **admin** and Password: **admin01**)

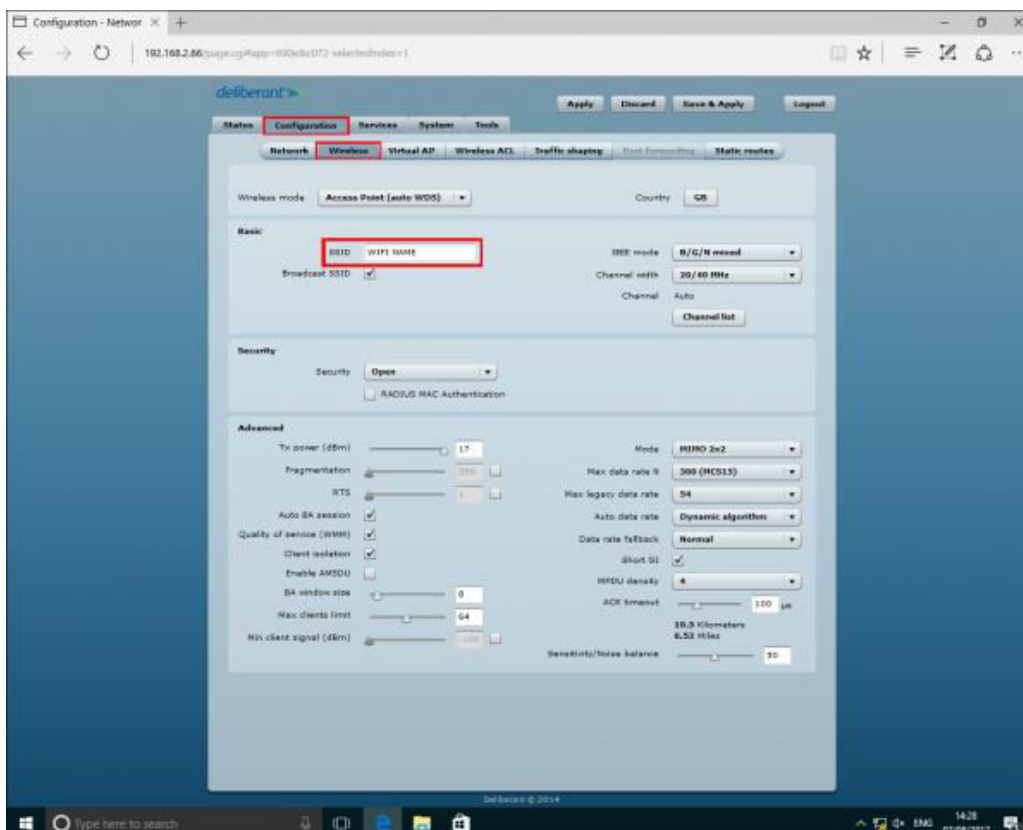


4. On the **Configuration** tab:

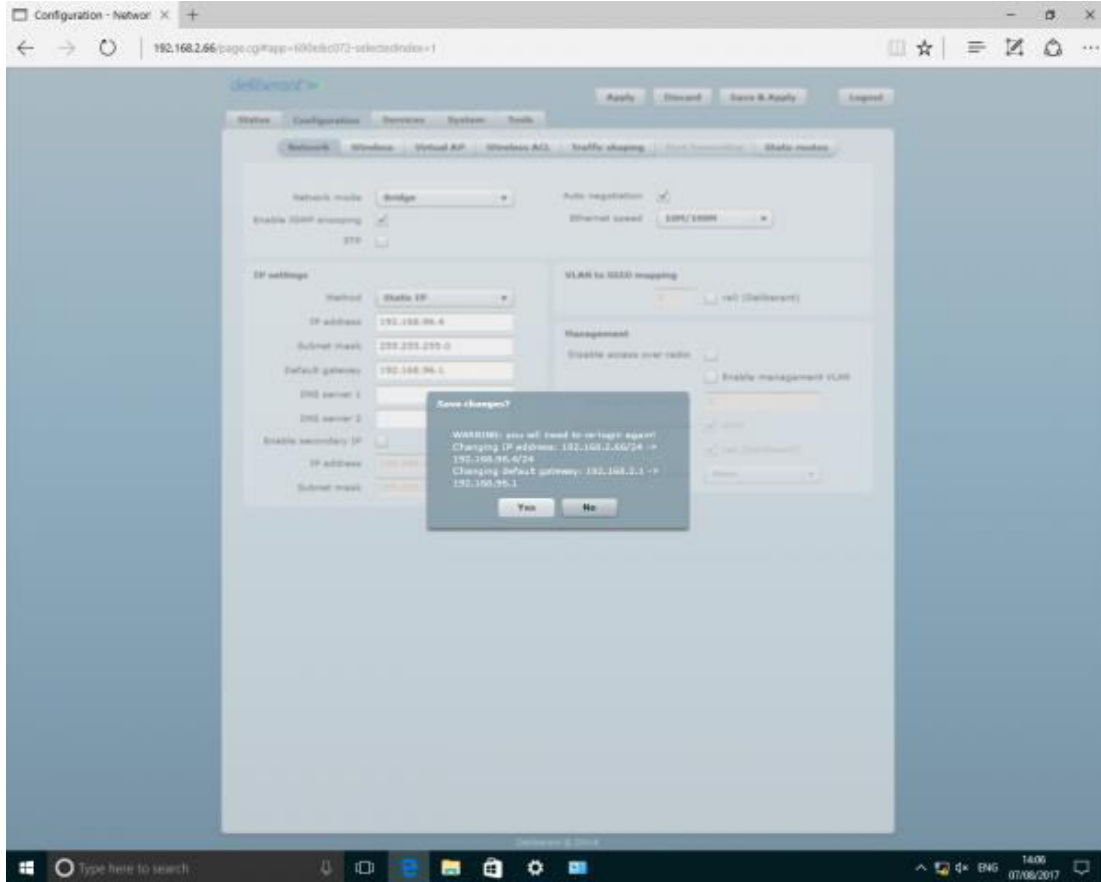
- Set the **Network mode** to **Bridge**
- IP settings:
 - **Method:** Static IP
 - **IP address:** On the range of the LAN port being used, to see default range click [here](#)
 - **Subnet Mask:** 255.255.240.0
 - **Default gateway:** 192.168.96.1



5. On the **Wireless** tab you can change the **SSID** to the name you want your clients to view when connecting to your network



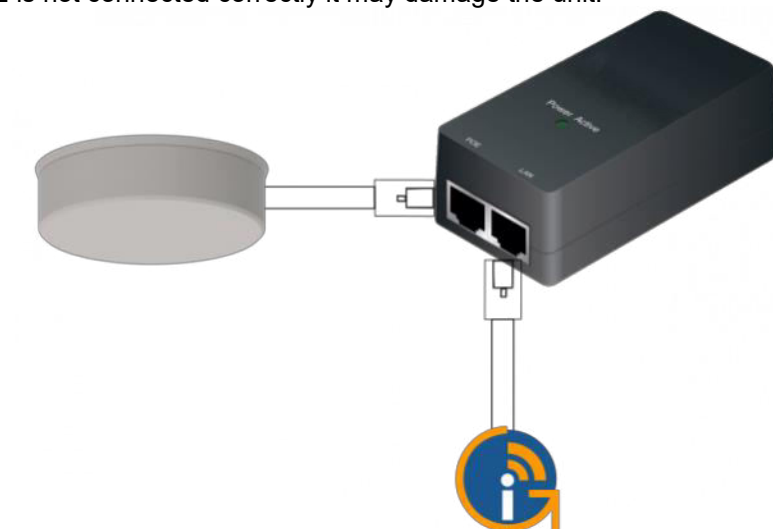
6. Click **Save & Apply** and click **Yes** on the warning



Now your Deliberant Access Point is ready to use, just connect an ethernet cable from the Access Point to the LAN port of your GIS unit.

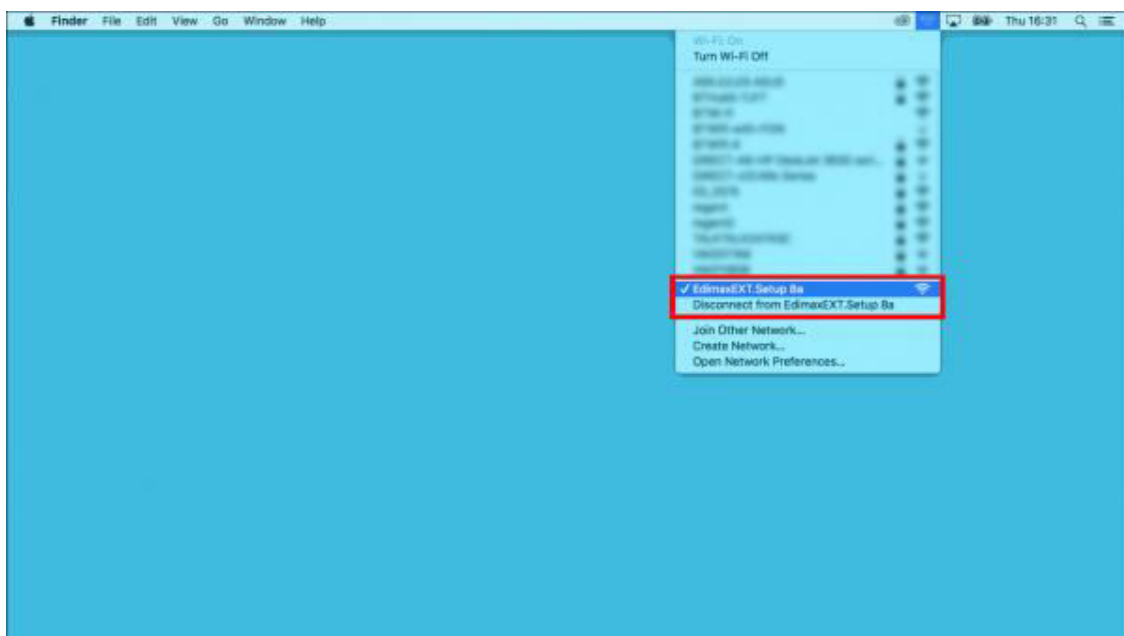
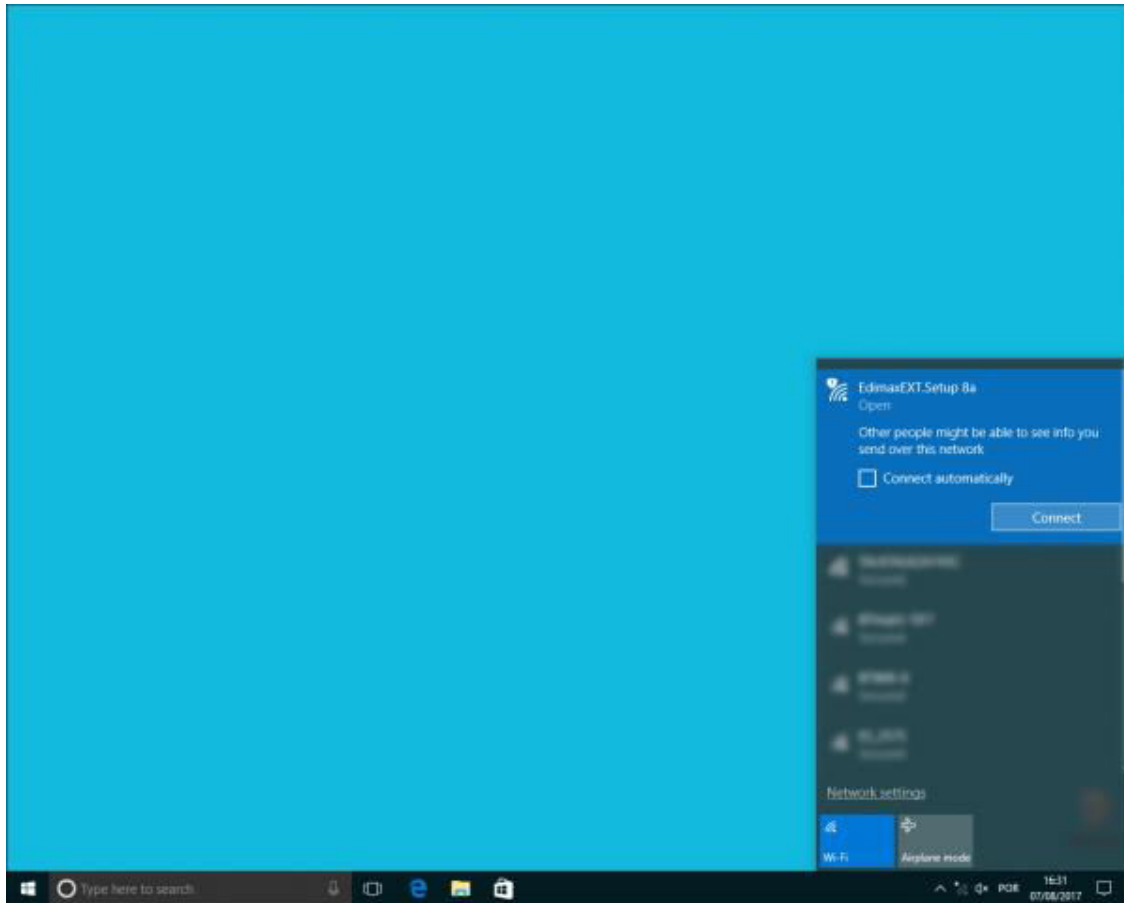
Important

If the PoE is not connected correctly it may damage the unit.



Edimax - EW-7438RPn

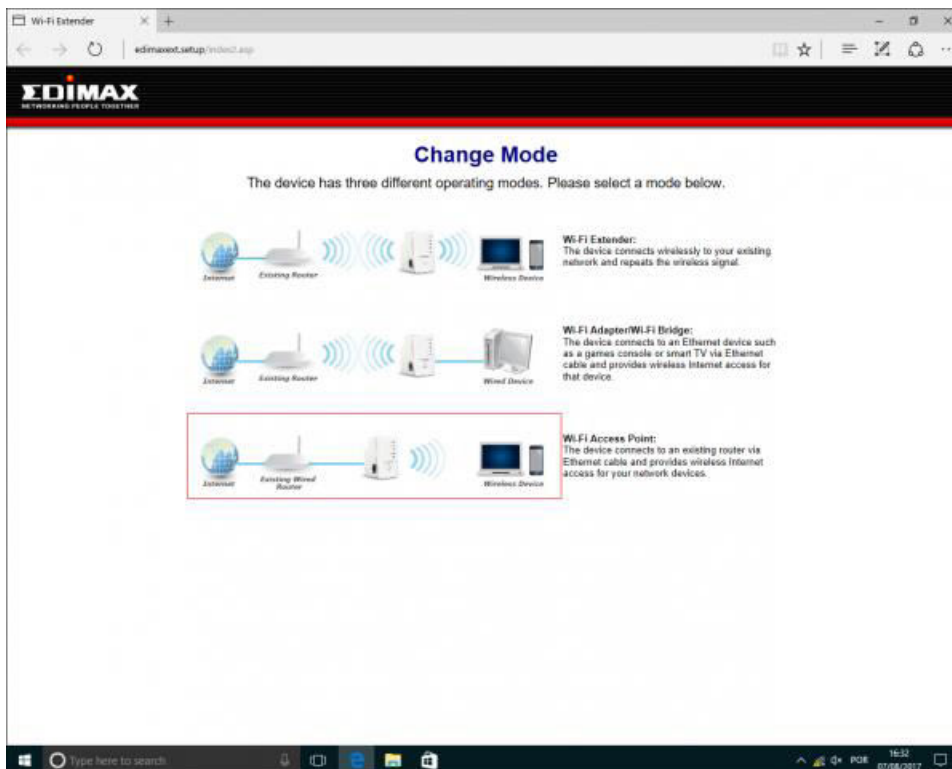
1. Plug the Edimax into a power socket
2. Connect to the WiFi network **EdimaxEXT.Setupxx** (xx are characters unique according to your Edimax device, it can be found on the card inside the box)



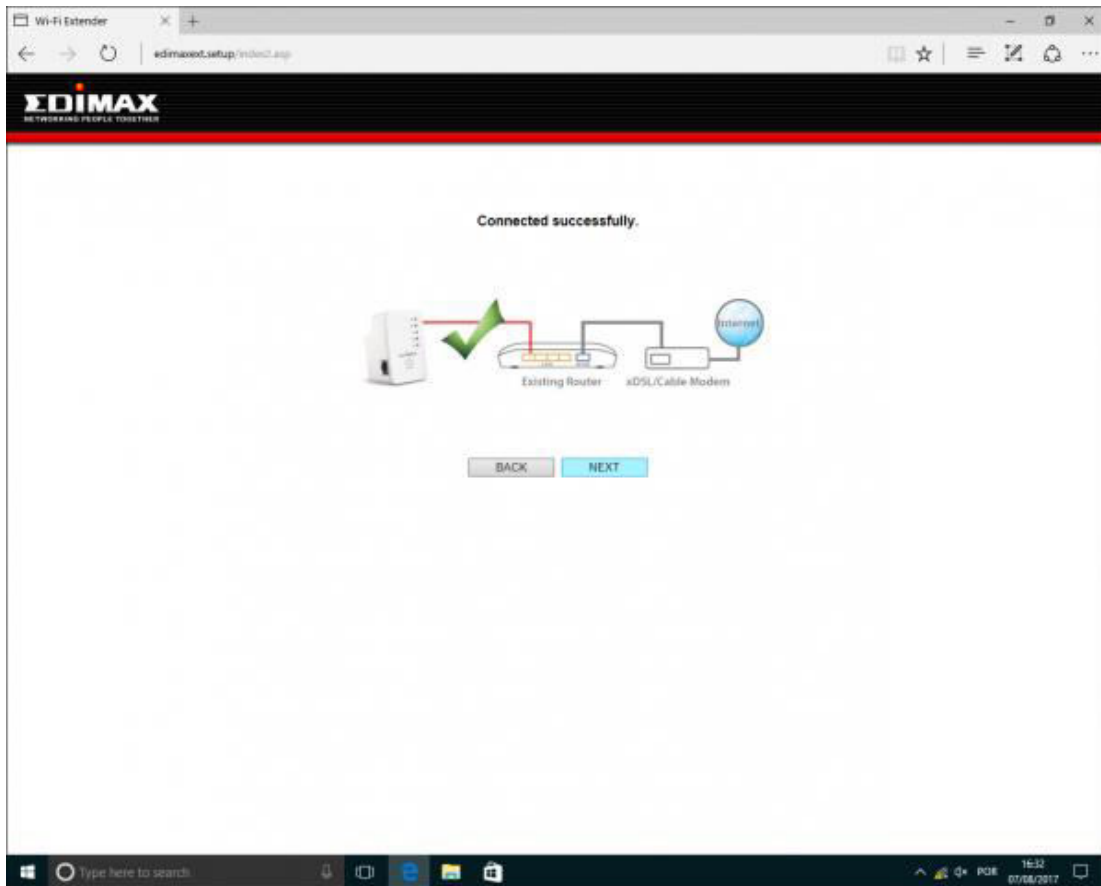
3. Open your browser and go to **<http://edimaxext.setup>** and click **Get Started**



4. Select **Wi-Fi Access Point**

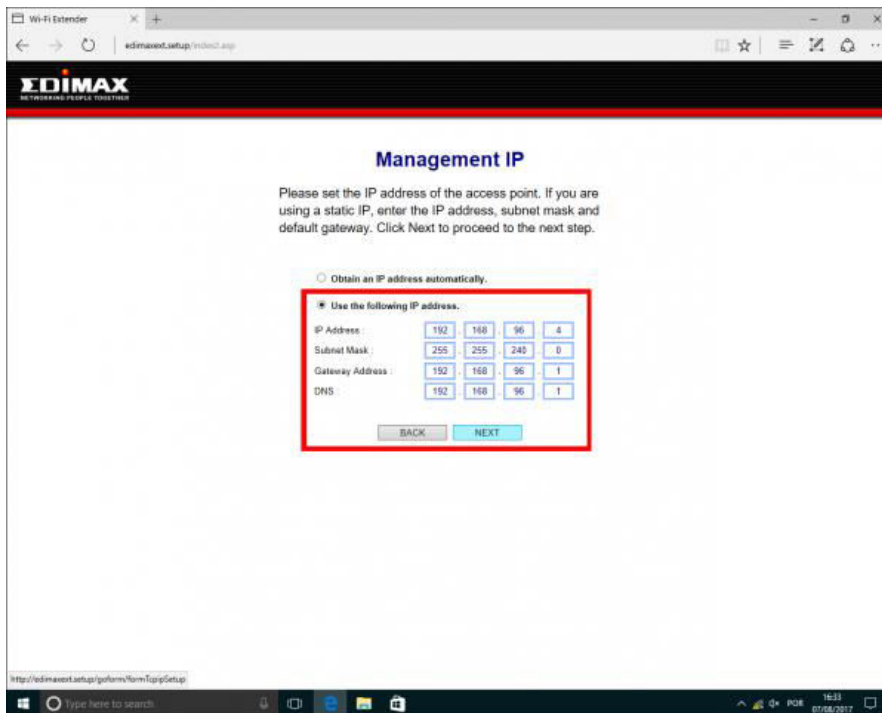


5. Connect an ethernet cable from the Edimax to the LAN port on your GIS unit and click **NEXT**

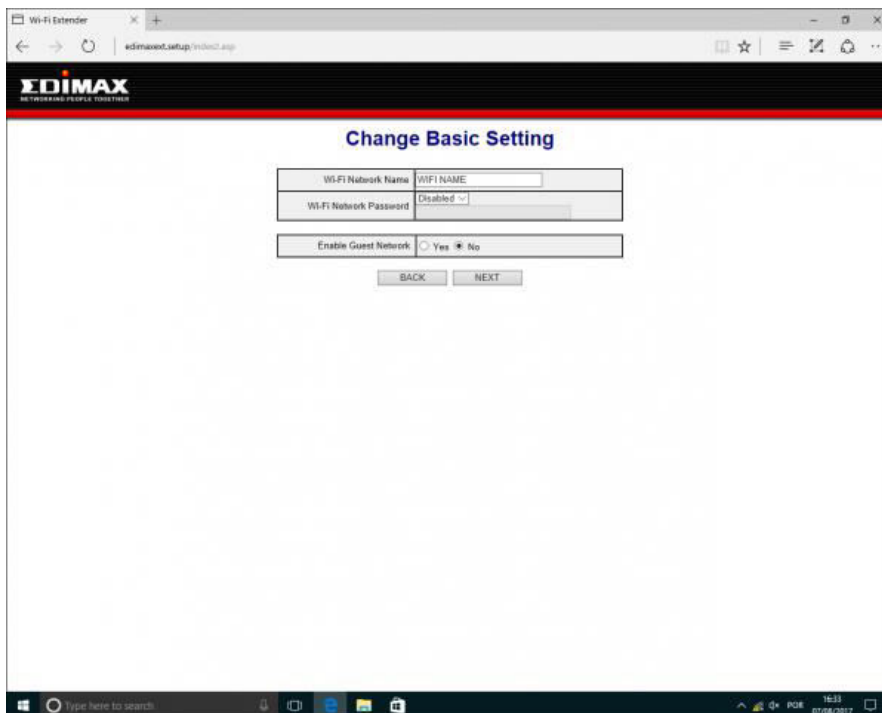


6. Select **Use the following IP address.** and use the following settings:

- **IP address:** On the range of the LAN port being used, to see default range click [here](#)
- **Subnet Mask:** 255.255.240.0
- **Gateway Address:** 192.168.96.1
- **DNS:** 192.168.96.1
- Click **NEXT**



7. Change the **Wi-Fi Network Name** to the name you want your clients to view when connecting to your network. **Wi-Fi Network Password**: The **Disabled** mode permits the clients to see your login page as soon as they try to connect. If security mode is enabled, clients will need to use the Access Point password before being able to see your login page.



8. Click in **Apply** and wait till the device is rebooted. Now your Edimax Access Point is ready to use.

Setting Static IP address

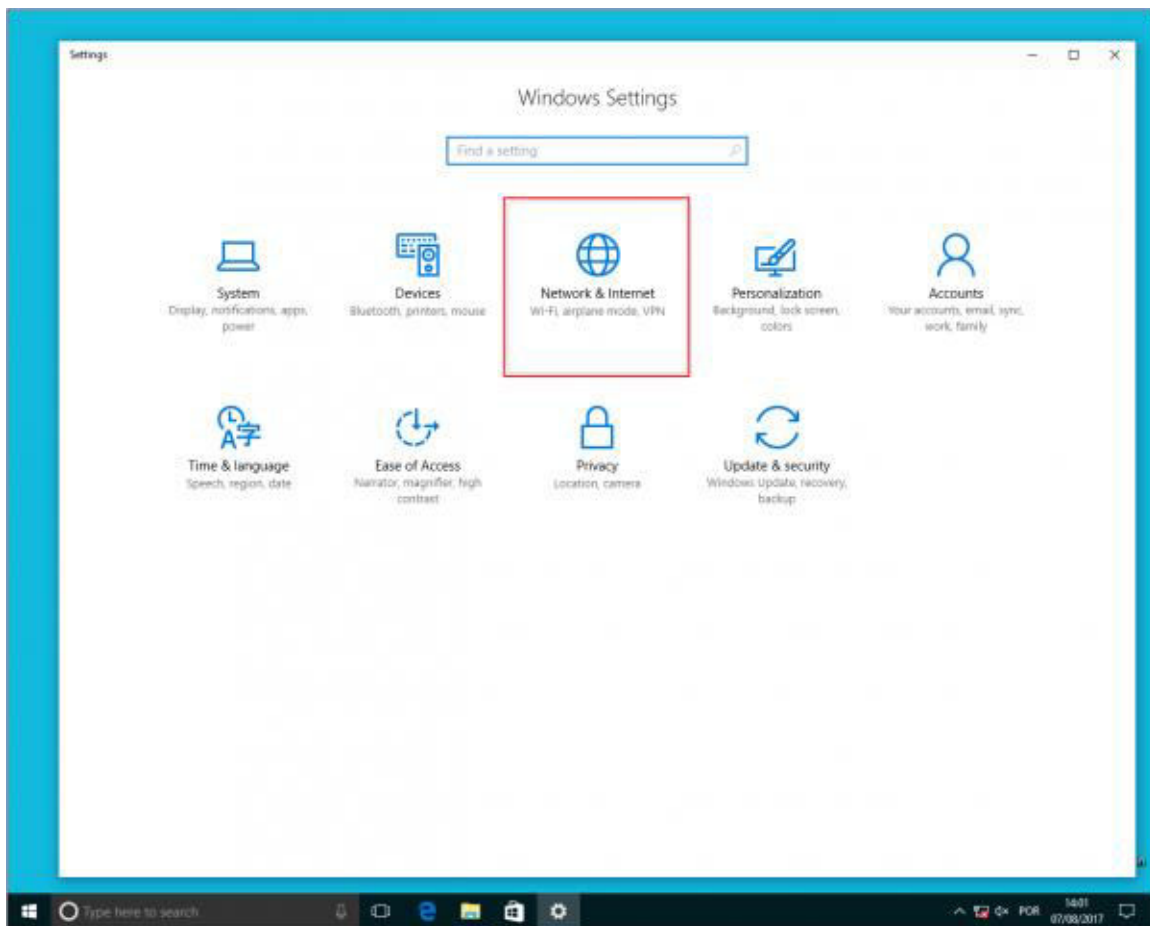
[Windows 7, Windows 8, Windows 10](#)

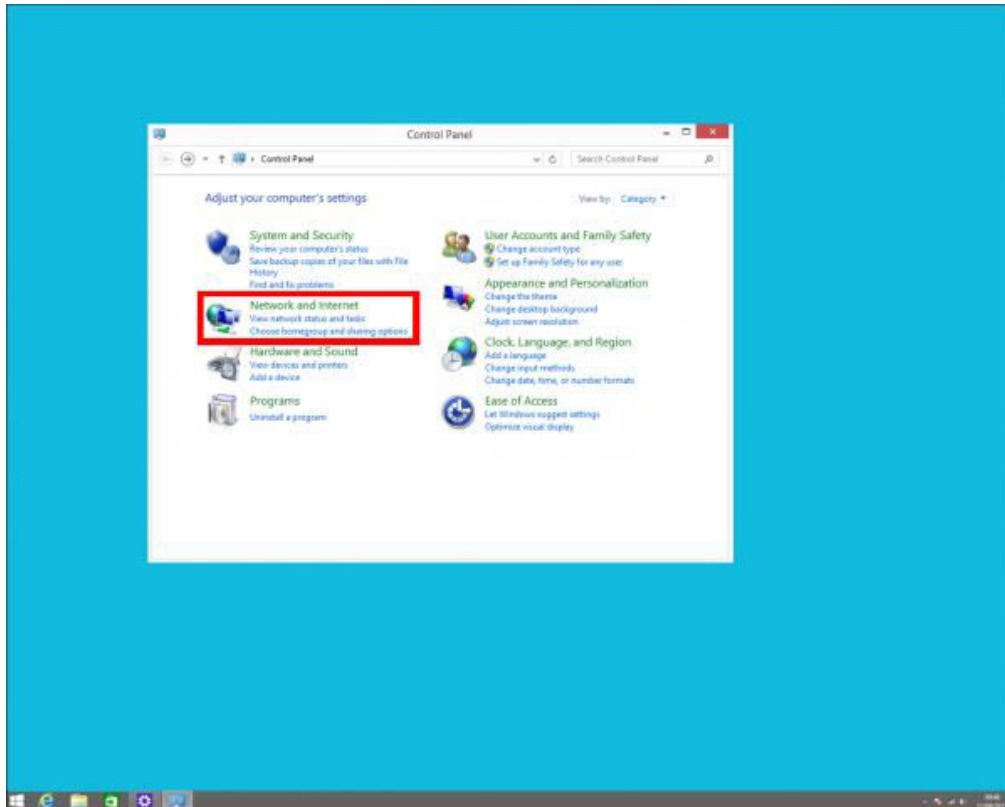
[MAC OS](#)

Windows 7, Windows 8, Windows 10

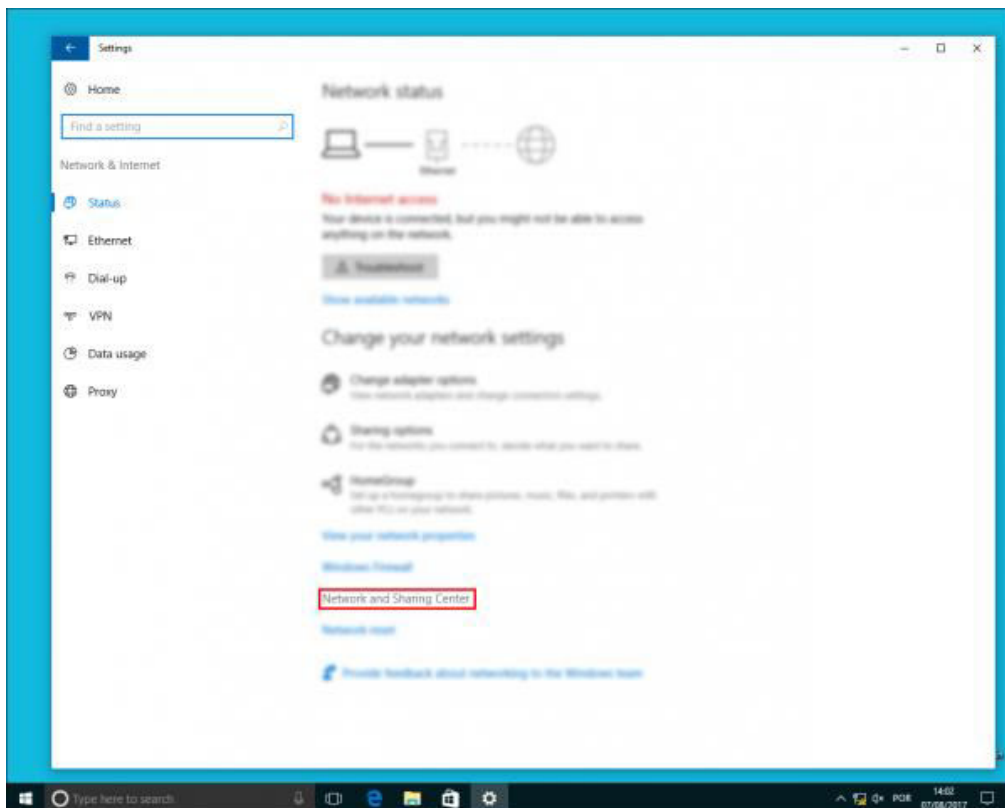
The Static IP address below is the GIS configuration for the LAN1 on units above the GIS-R6. To set up an access point, please check on the manual what is the IP address and Subnet mask provided.

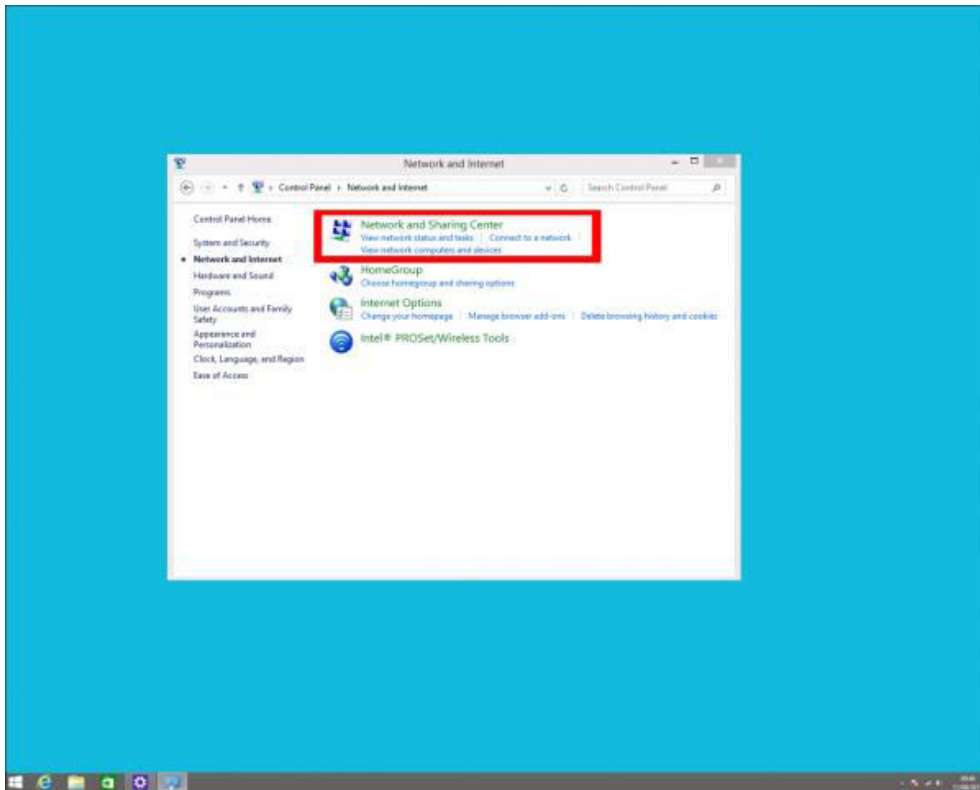
- Open **Settings/Control Panel**
- Open **Network & Internet**



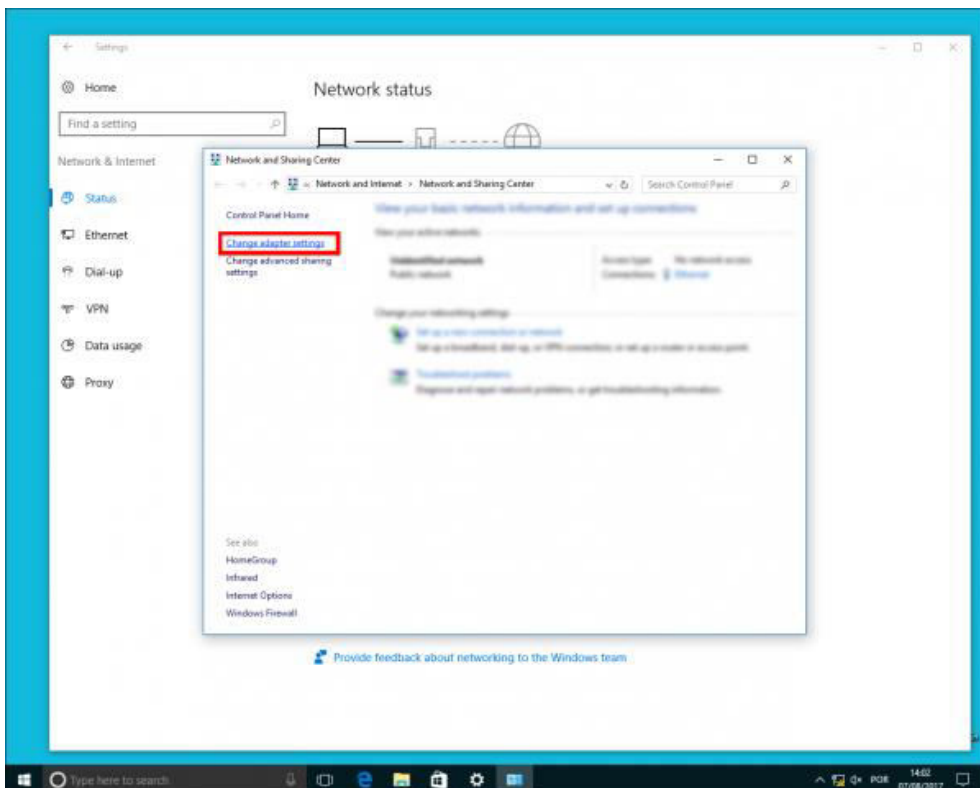


- **Click Network and Sharing Center**

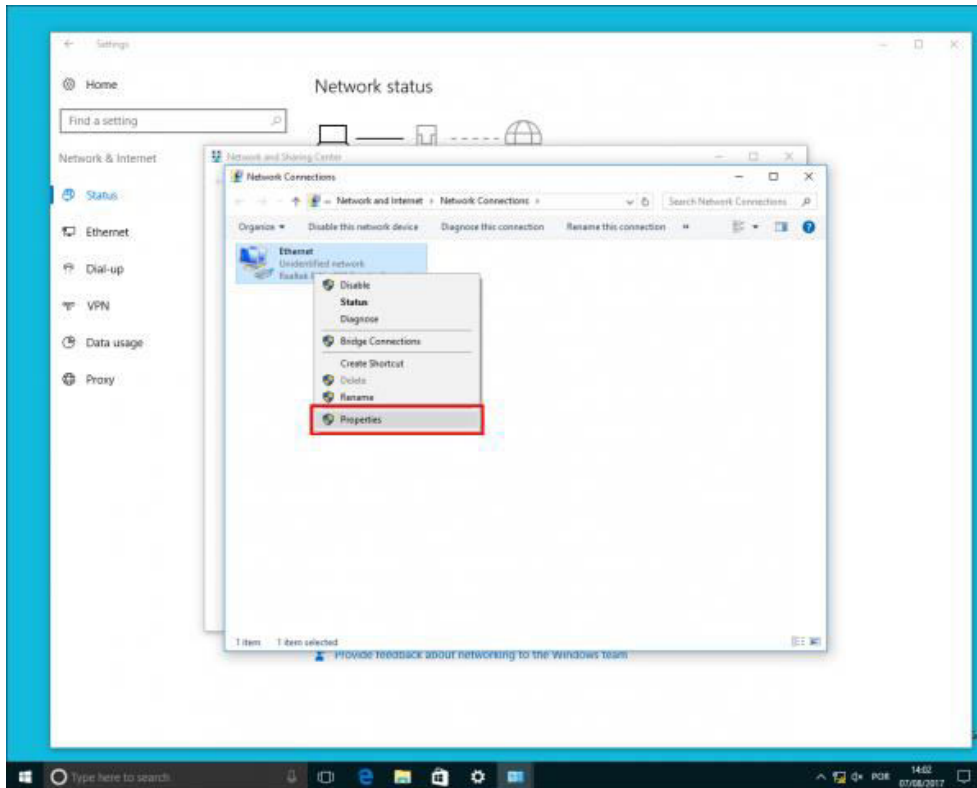




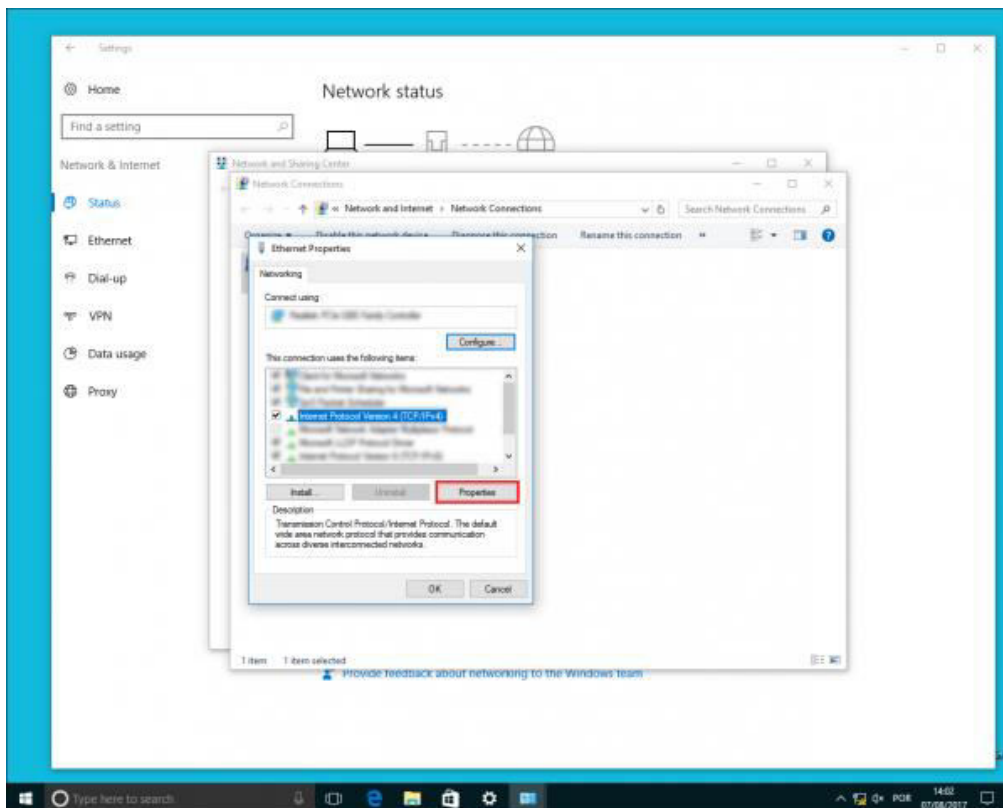
- Click **Change adapter settings**



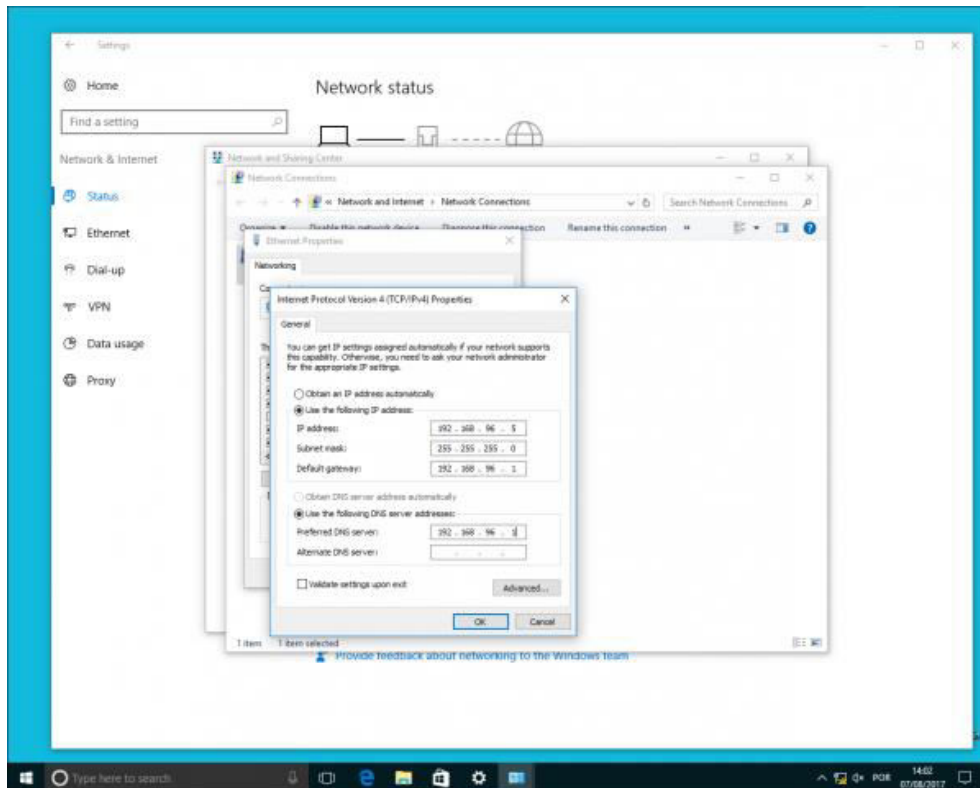
- Right click the network connection and click **Properties**



- Select **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties**



- Select **Use the following IP address:**
 - **IP address:** On the range of the LAN port being used, to see default range click [here](#)
 - **Subnet Mask:** 255.255.240.0
 - **Default Gateway:** 192.168.96.1

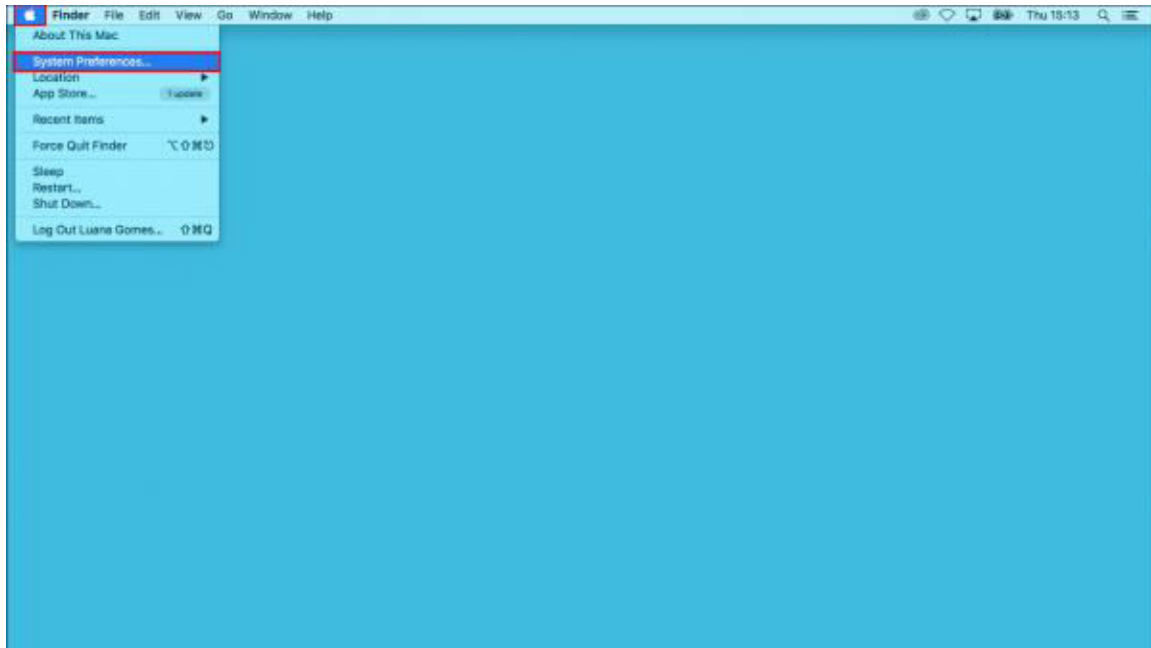


- Click OK and CLOSE

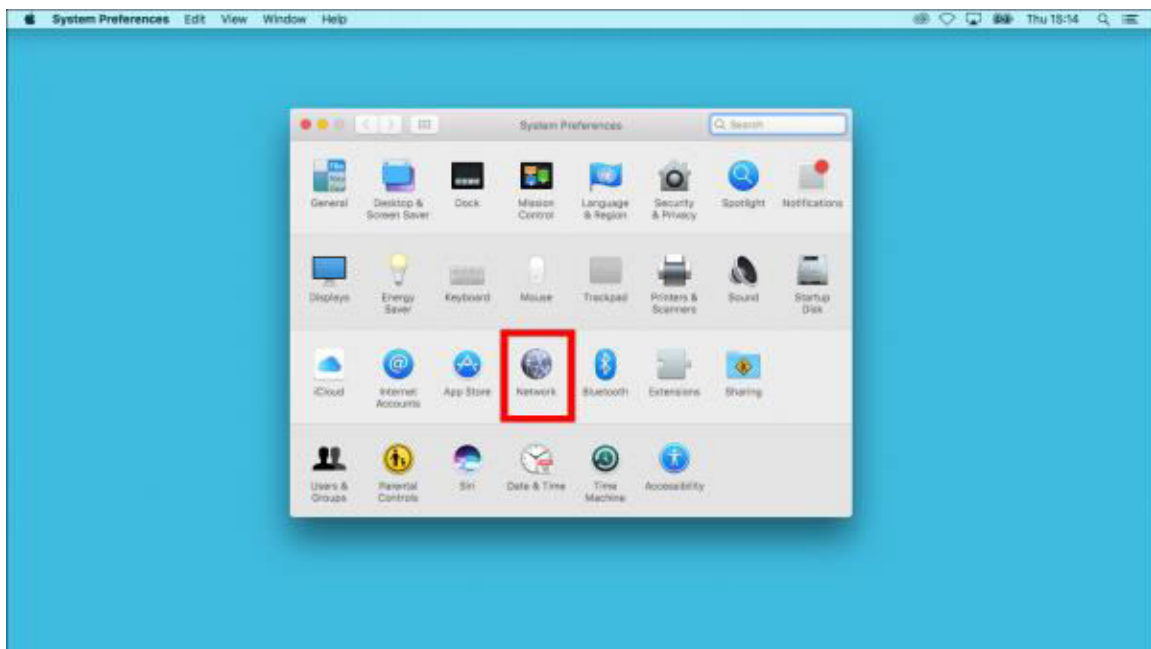
MAC OS

The Static IP address below is the GIS configuration for the LAN1 on units above the GIS-R6. To set up an access point, please check on the manual what is the IP address and Subnet mask provided.

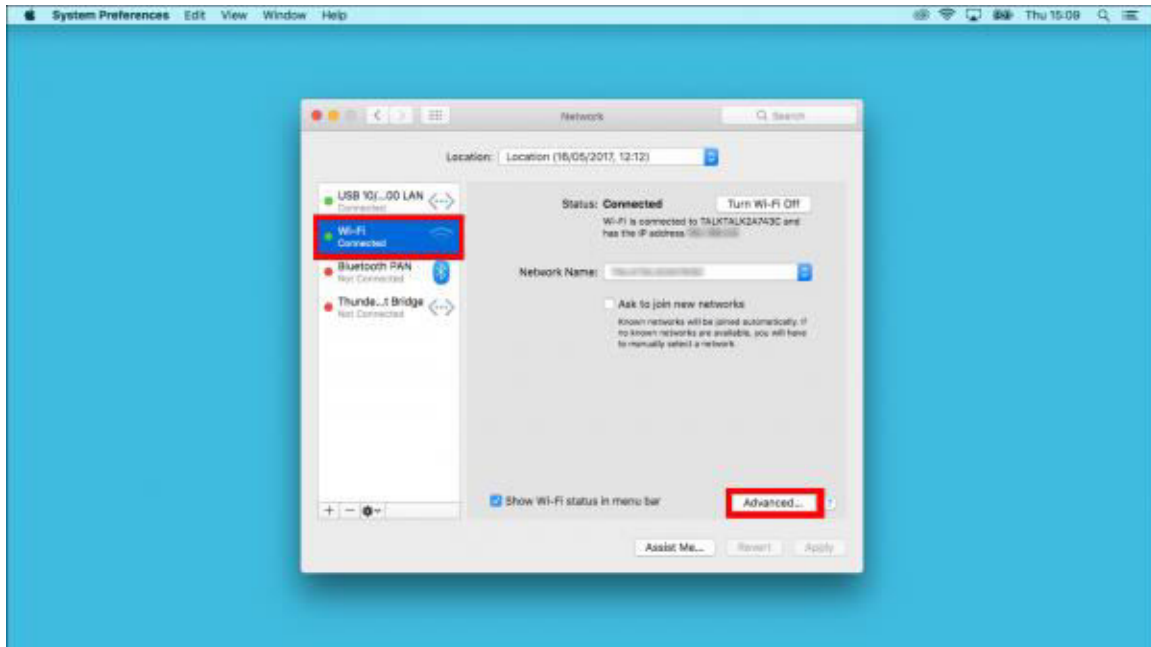
- Click on the Apple icon on the upper-left corner of the screen and click **System Preferences**



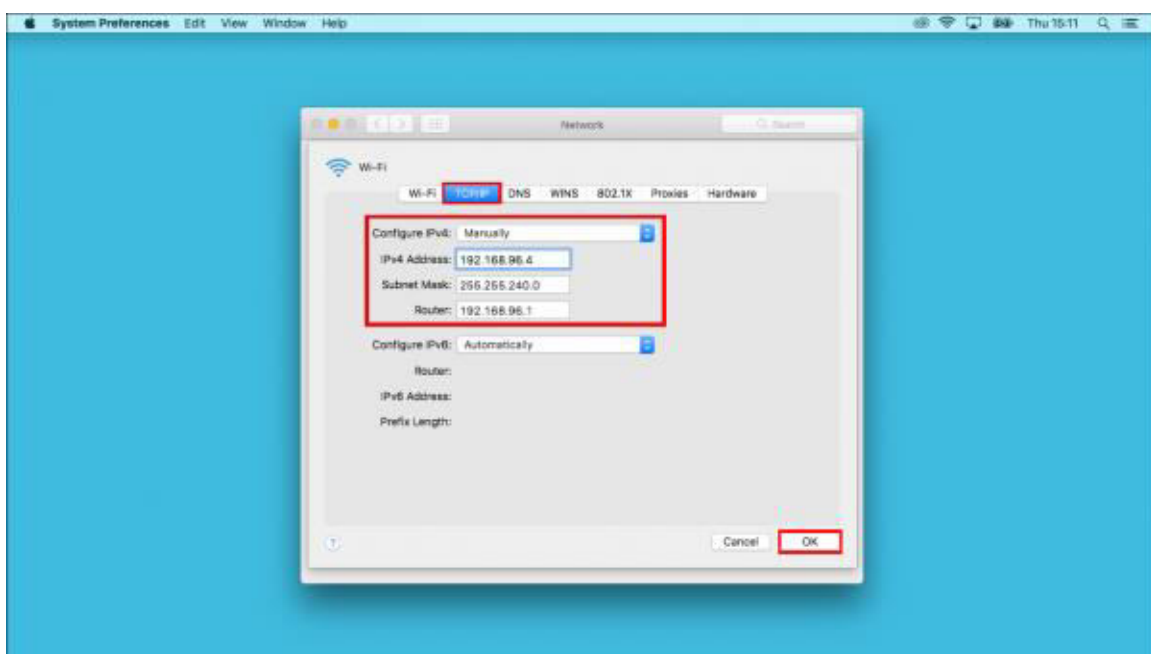
- Open **Network**



- On the **Wi-Fi** tab click on **Advanced**



- Click on the **TCP/IP** tab
 - **Configure IPv4:** Manually
 - **IPv4 Address:** On the range of the LAN port being used, to see default range click [here](#)
 - **Subnet Mask:** 255.255.240.0
 - **Router:** 192.168.96.1
 - Click **OK**



IP Address

The **Internet Protocol Address** (IP Address) is a unique address that devices (computers, tablets, and smartphones) use to identify itself and communicate with other devices in the Internet.

- **IP** - Internet Protocol
- **Address** - unique number that gets linked to all online devices.

Finding your IP Address

[Windows OS](#)

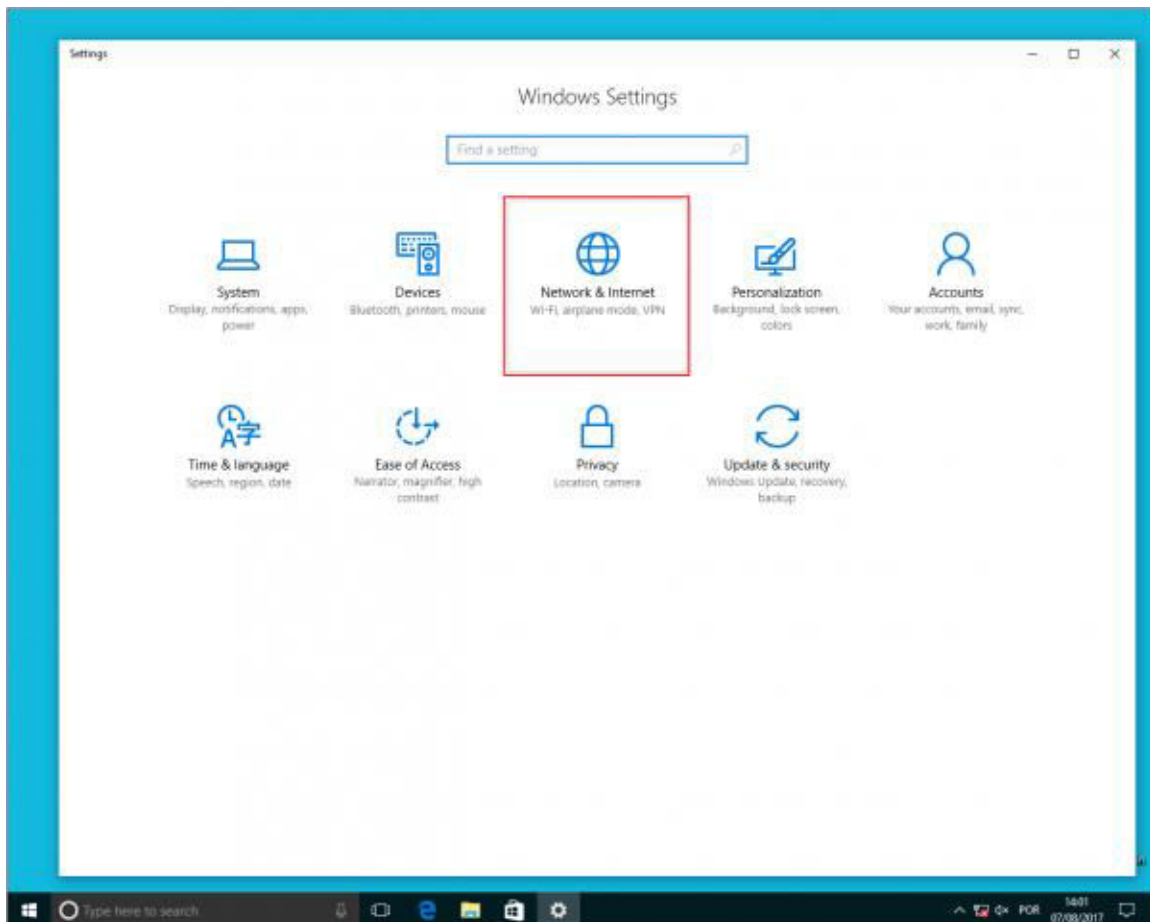
[MAC OS](#)

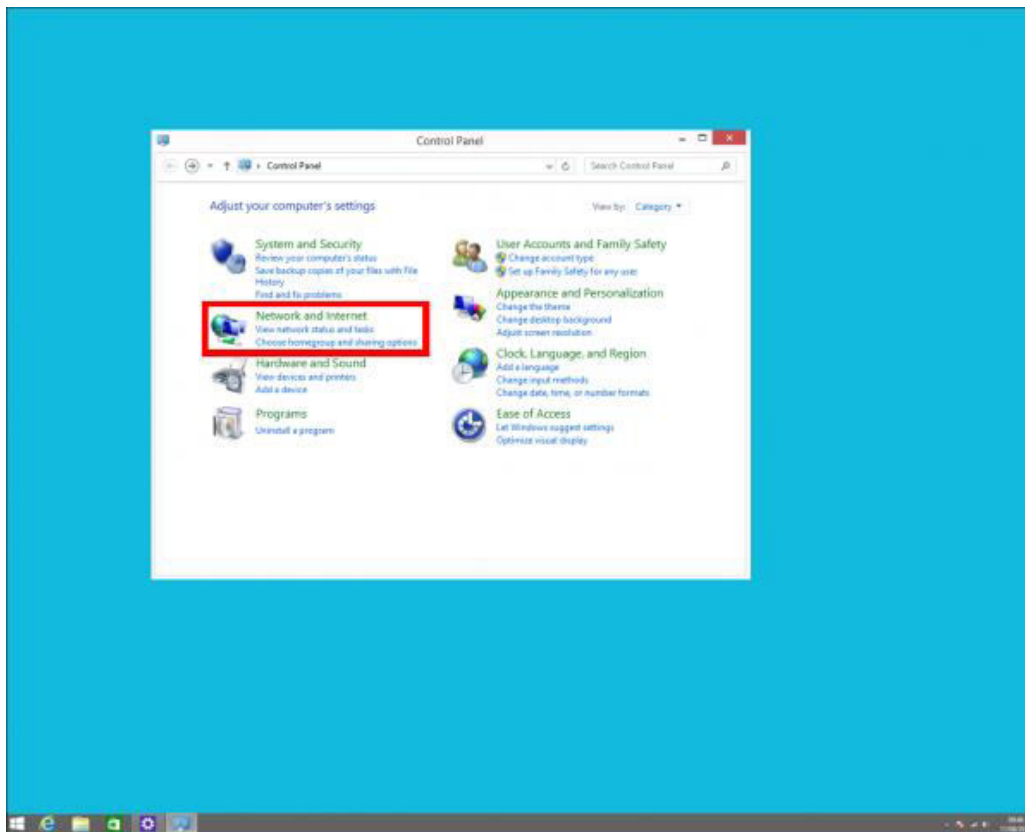
[iOS](#)

[Android](#)

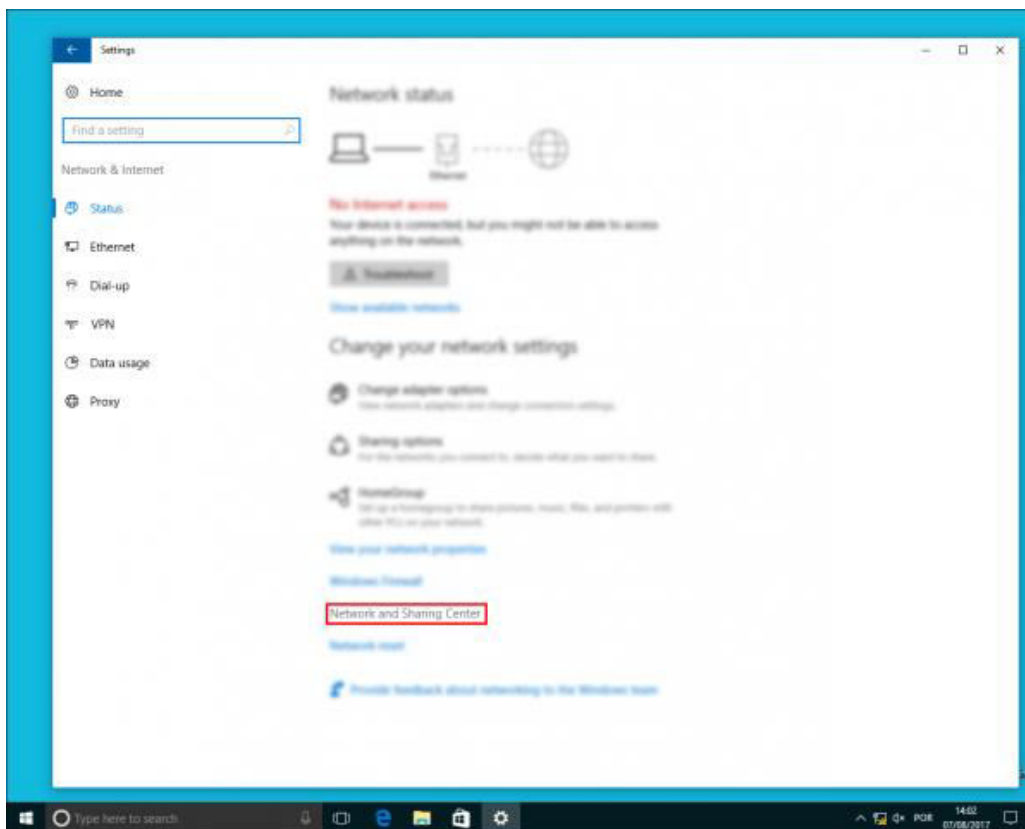
Windows OS

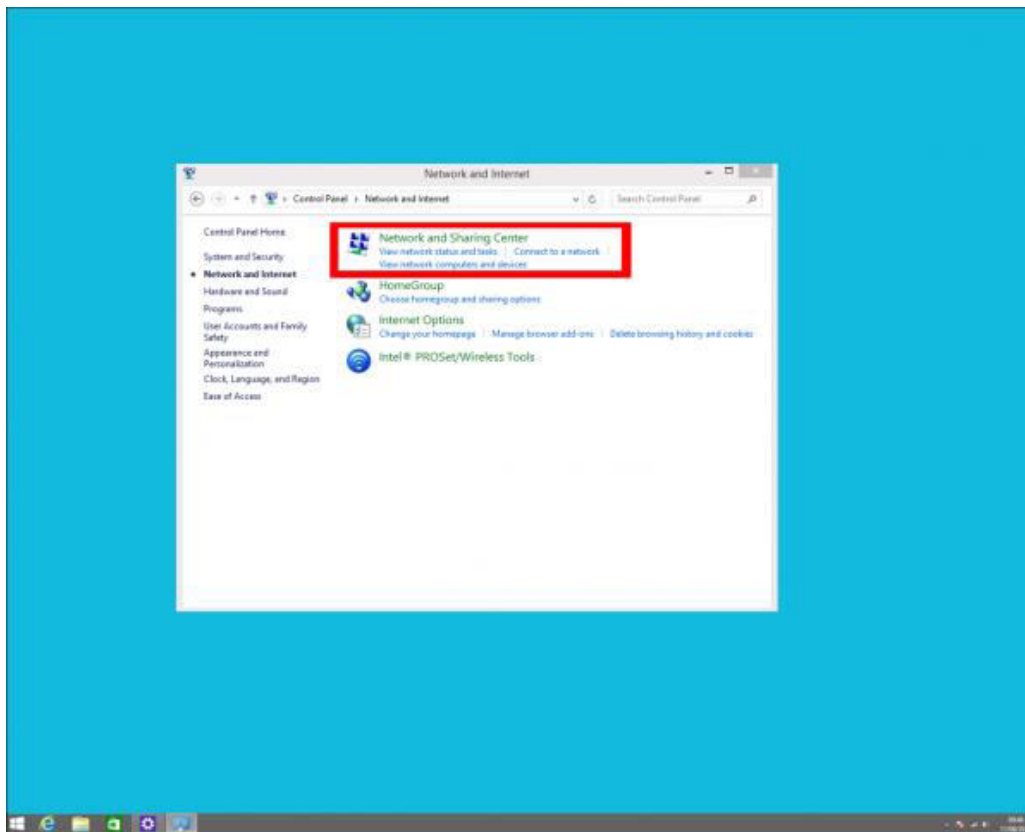
1. Open **Settings/Control Panel**
2. Open **Network & Internet**



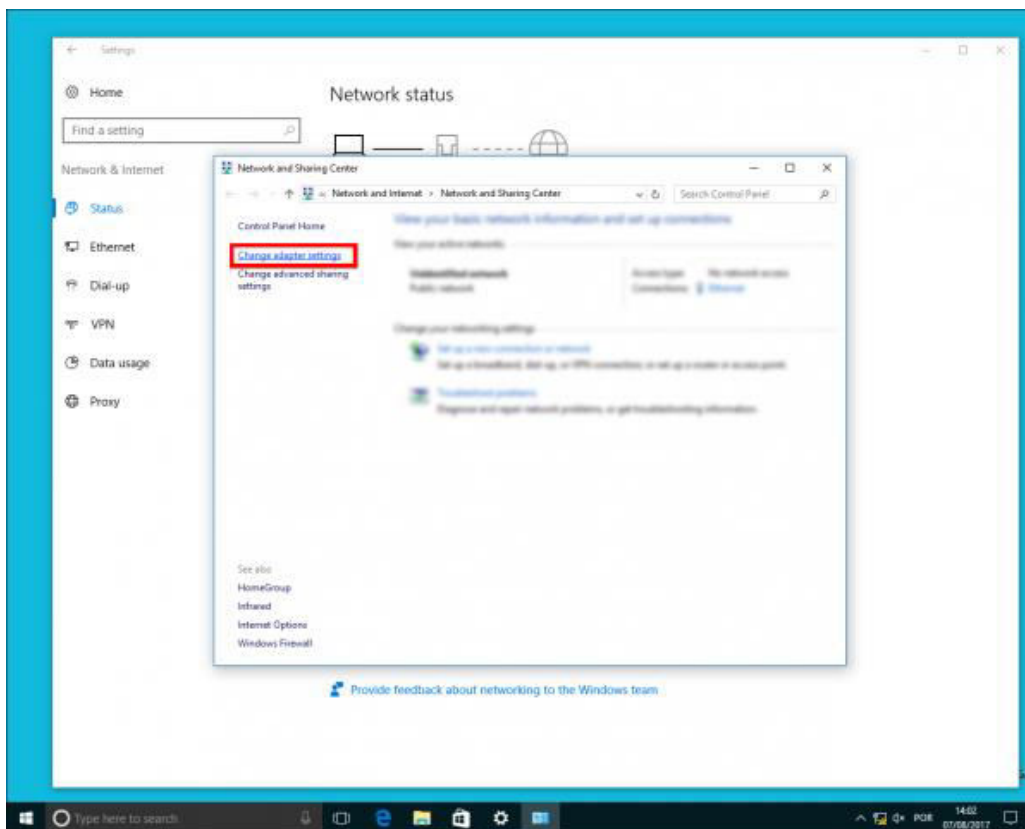


3. Click **Network and Sharing Center**

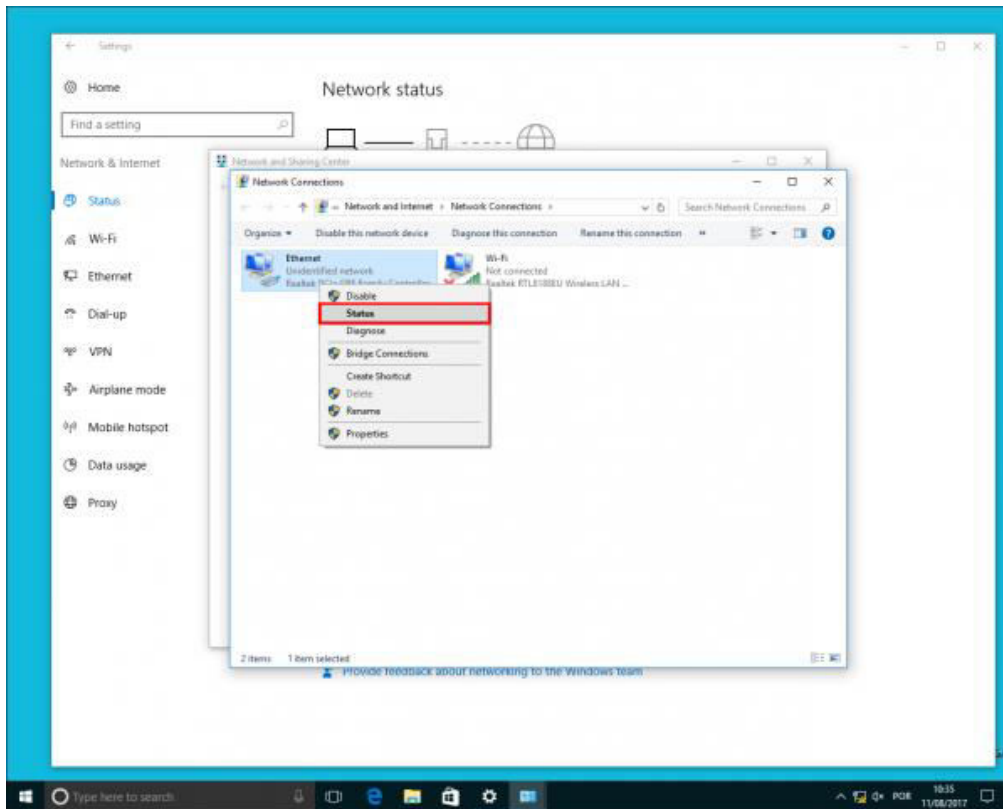




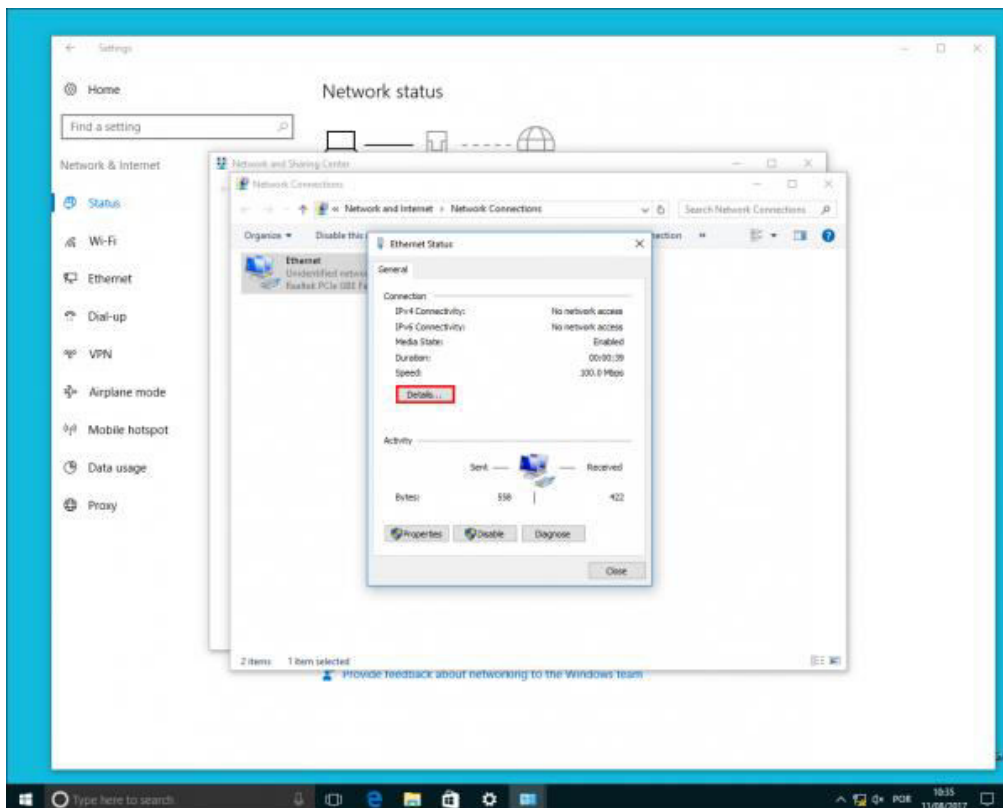
4. Click **Change adapter settings**



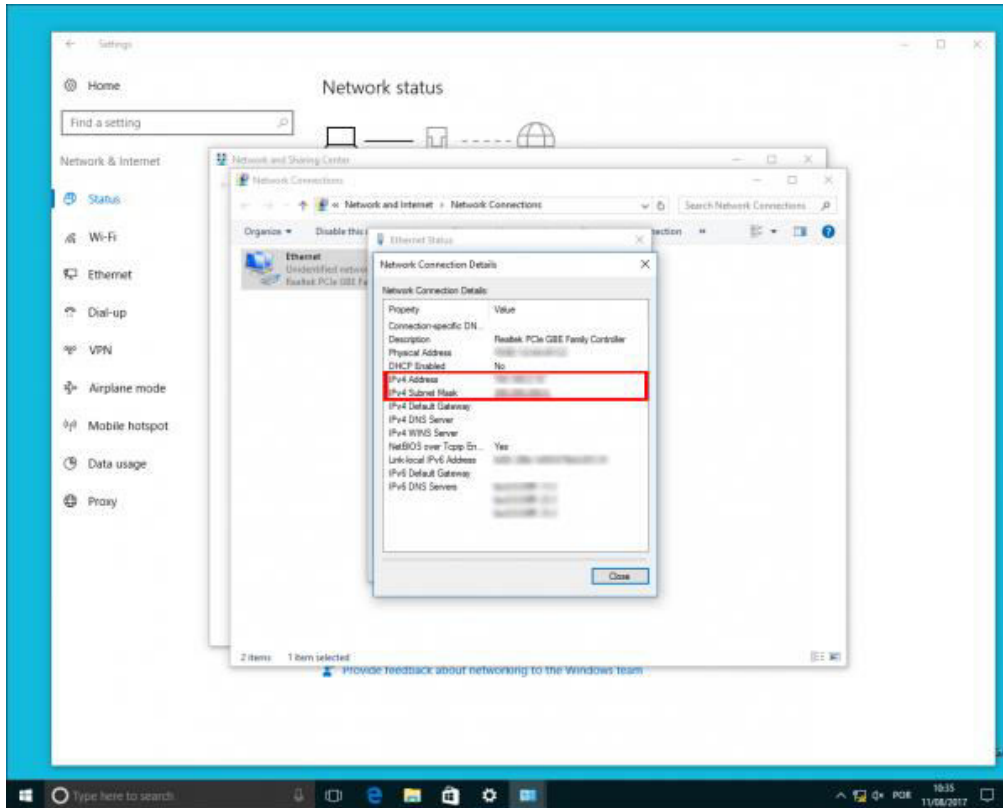
5. Right click the Network you are connected to and click **Status**



6. Click **Details...**

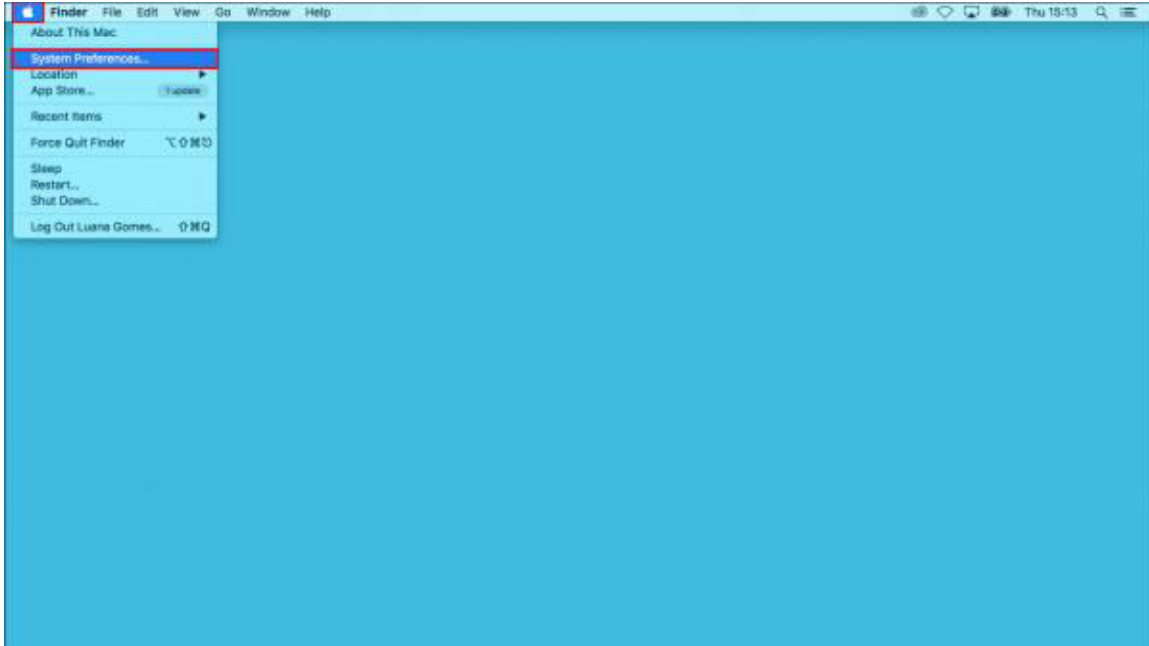


7. Your PC's IP address appears in the Value column, next to IPv4 Address.

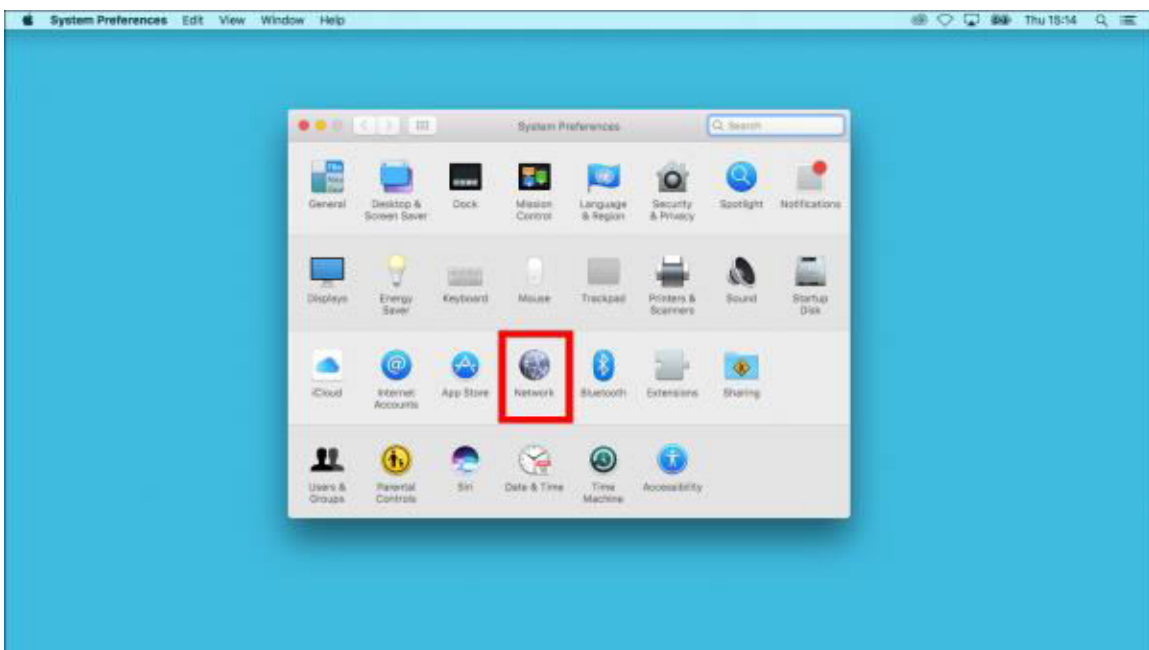


MAC OS

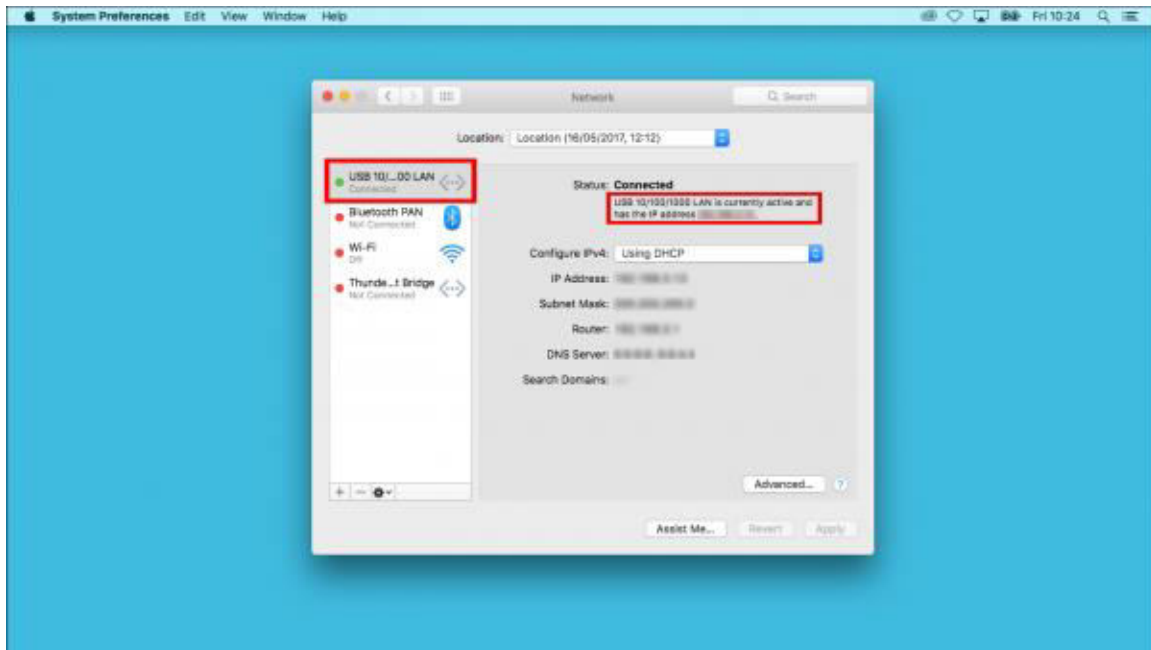
1. Click on the Apple icon on the upper-left corner of the screen and click **System Preferences**



2. Click **Network**

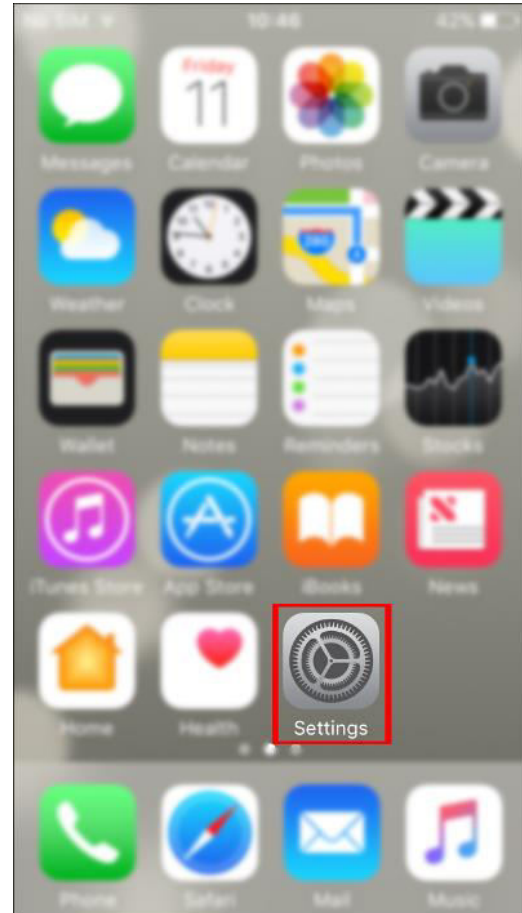
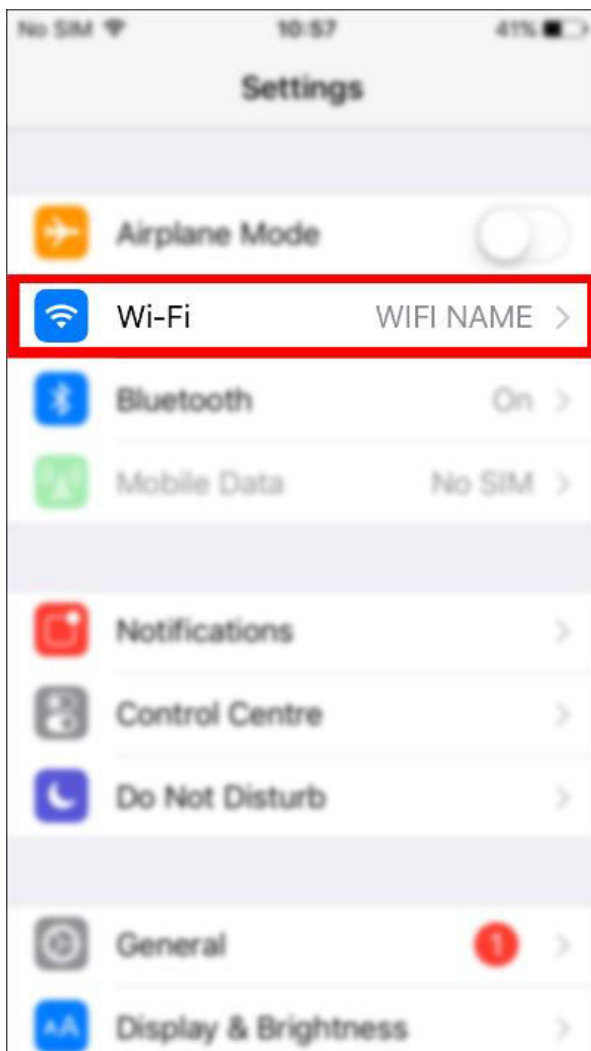


3. Select the network you are connected to and your IP address will be displayed under **Status: Connected**



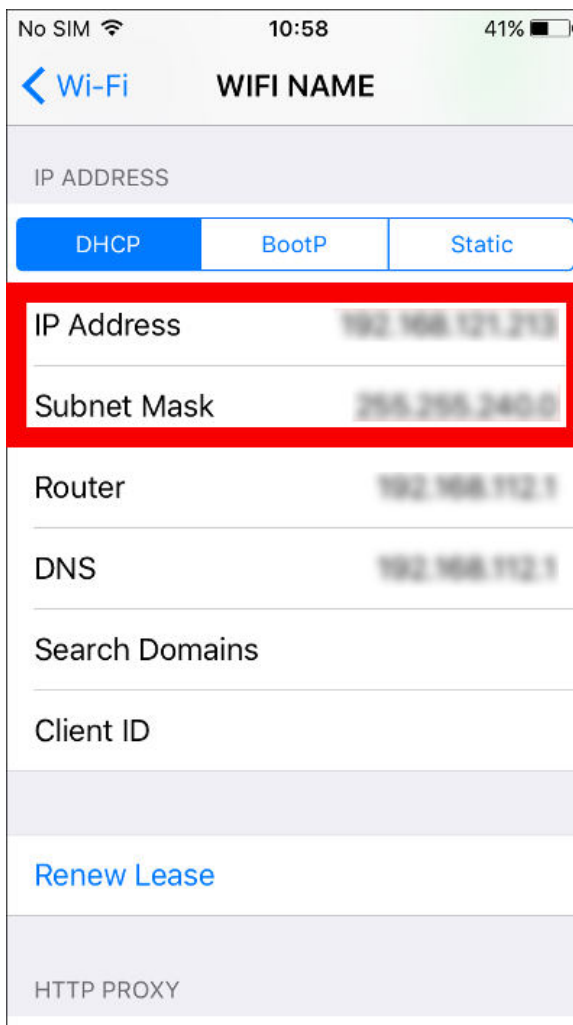
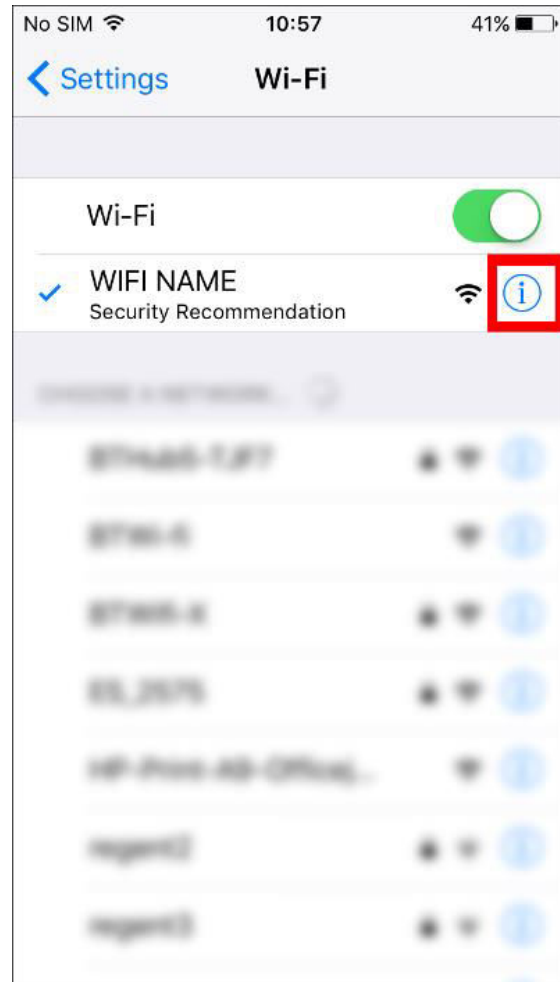
iOS

1. Open the **Settings** menu



2. Open **Wi-Fi** (make sure your device is connected to a Wi-Fi)

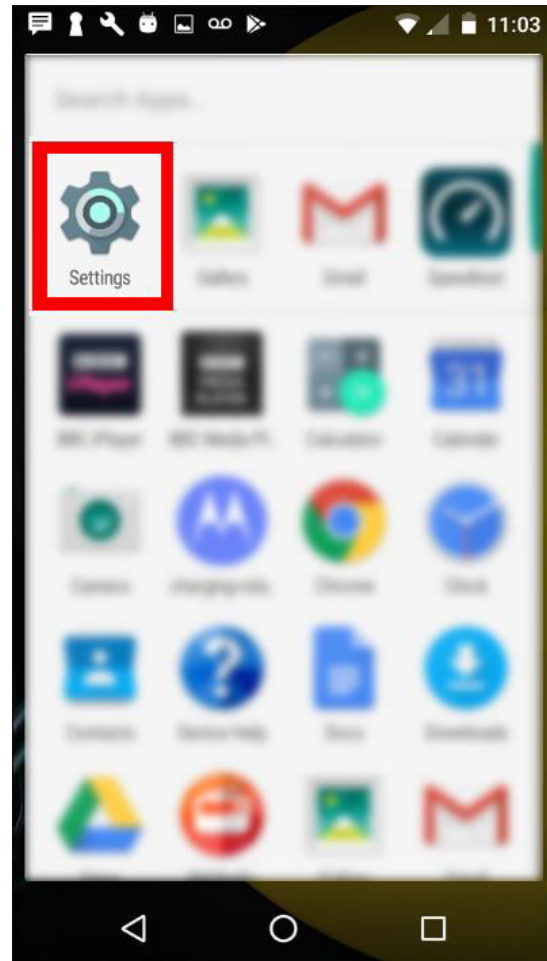
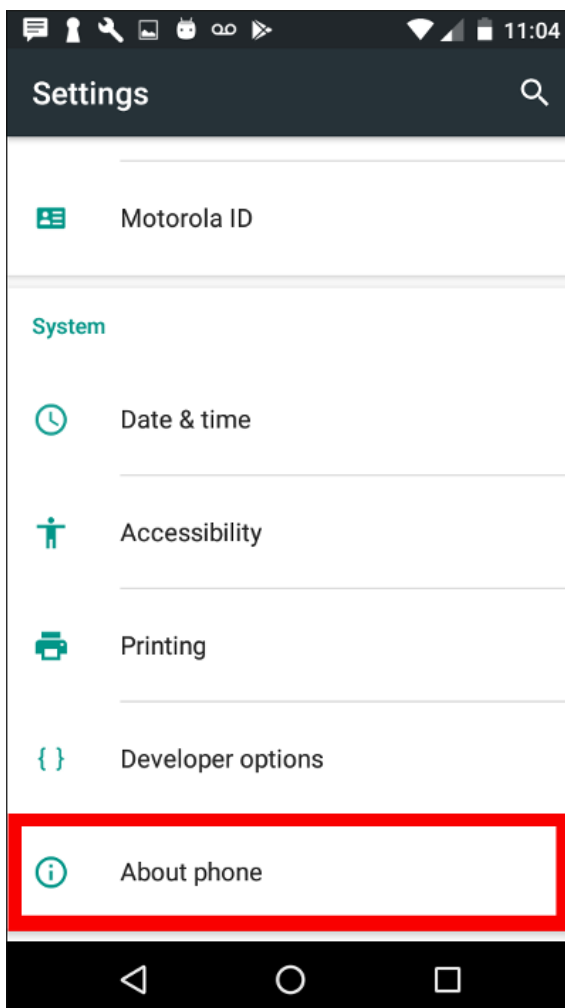
3. Tap the round circle to the right of the Network name that you are connected to



4. Your IP address is listed under the **IP ADDRESS** header

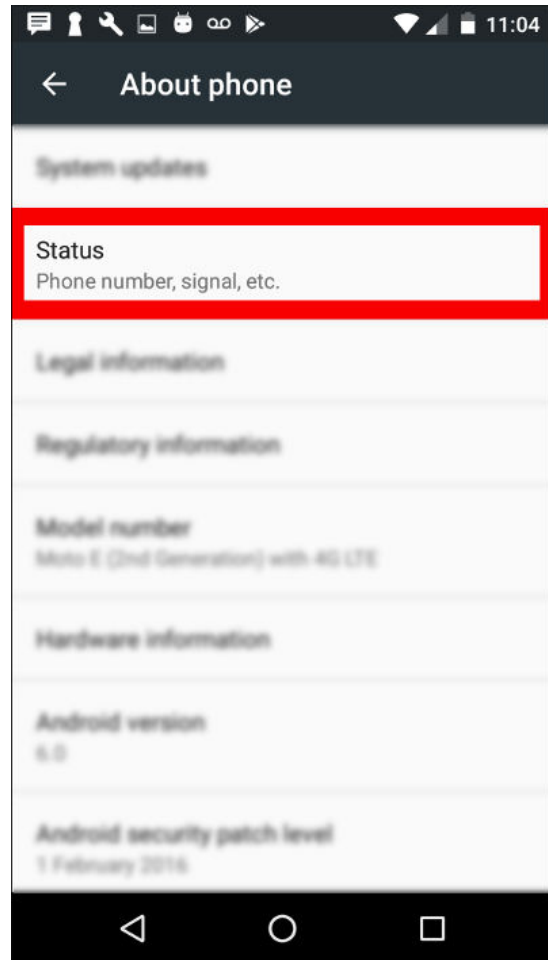
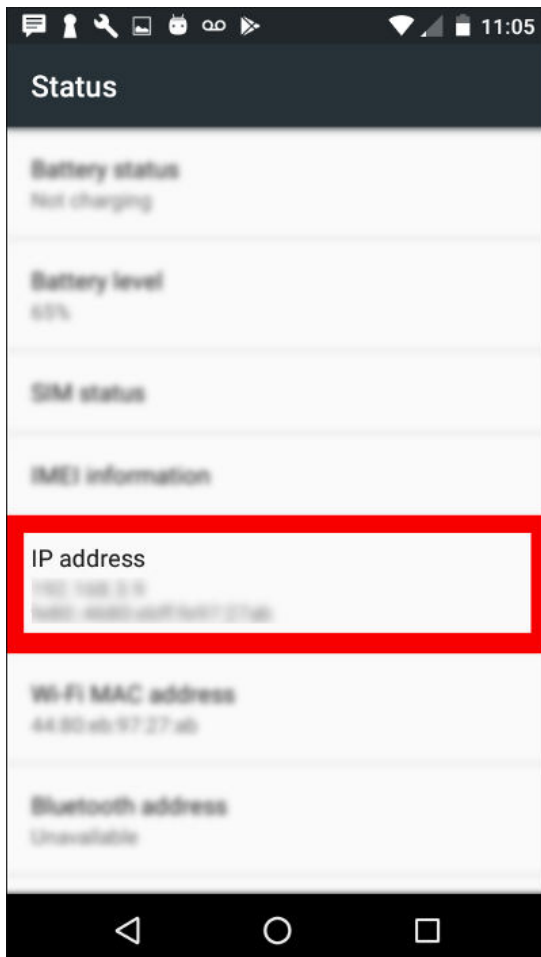
Android

1. Open the **Settings** menu



2. Tap on **About phone/tablet**

3. Open the **Status** menu



4. You can now see general information of your device, including the IP address

MAC Address

A **Media Access Control Address** (MAC Address) is a kind of serial number marked on your device when it is manufactured, a MAC Address is unique to each device.

Finding your MAC Address

[Windows OS](#)

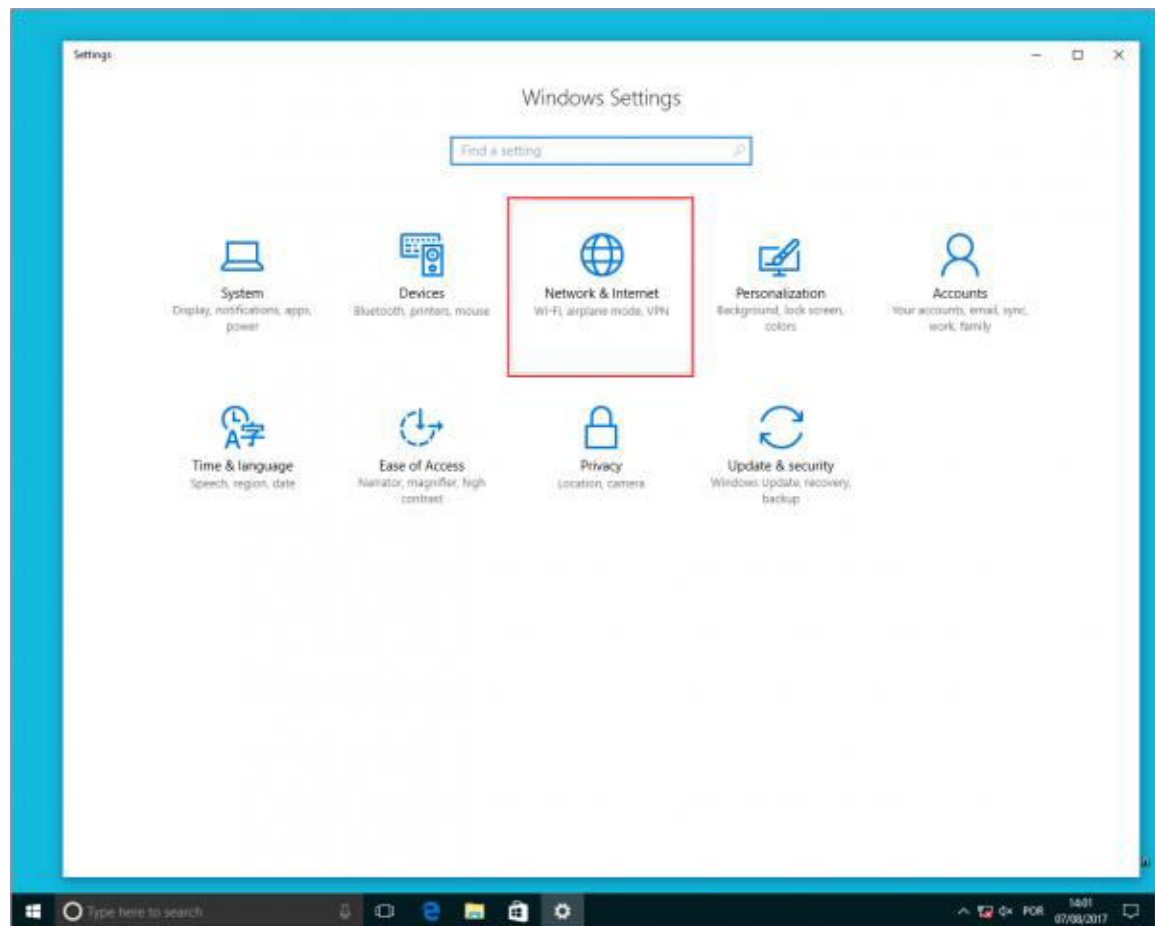
[MAC OS](#)

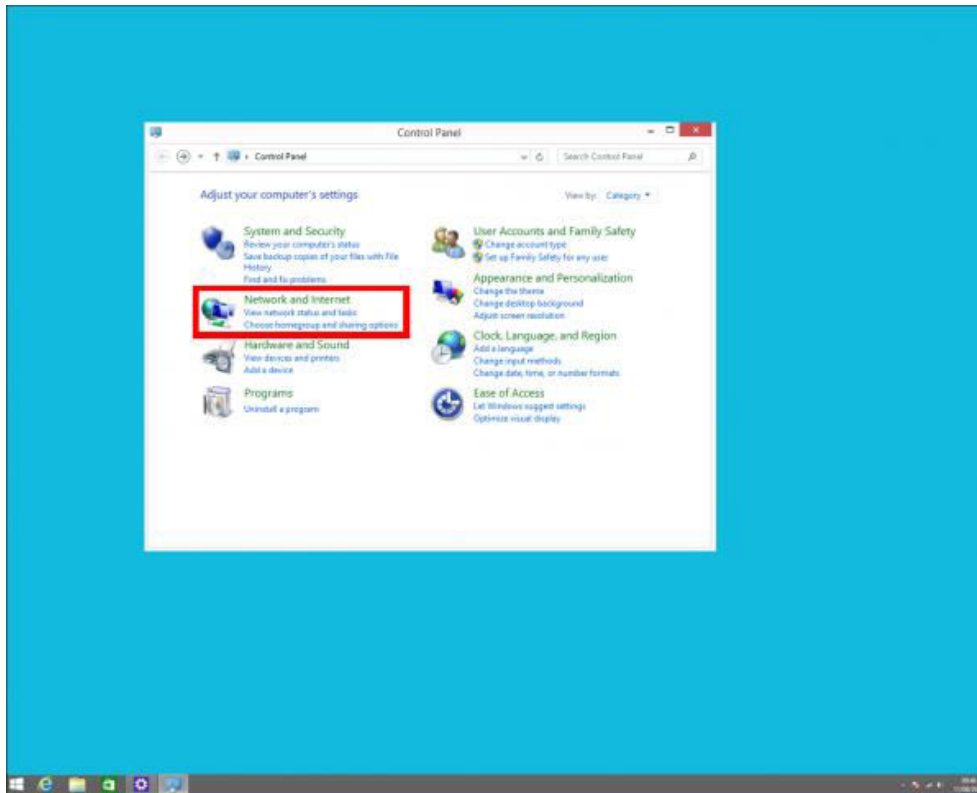
[iOS](#)

[Android](#)

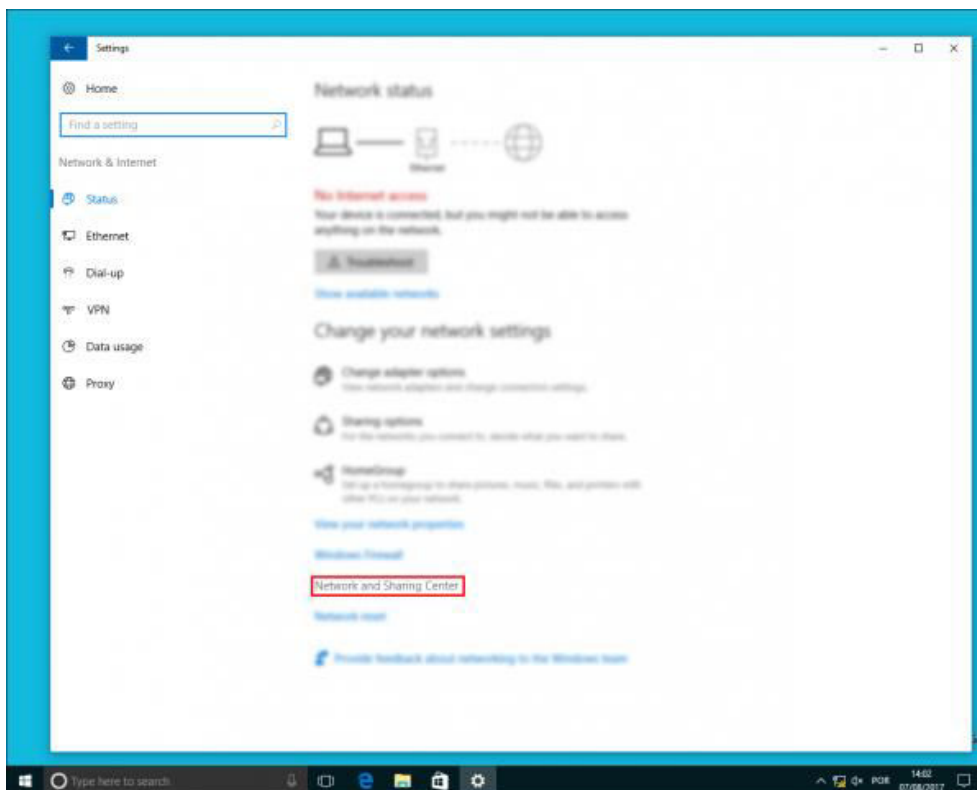
Windows OS

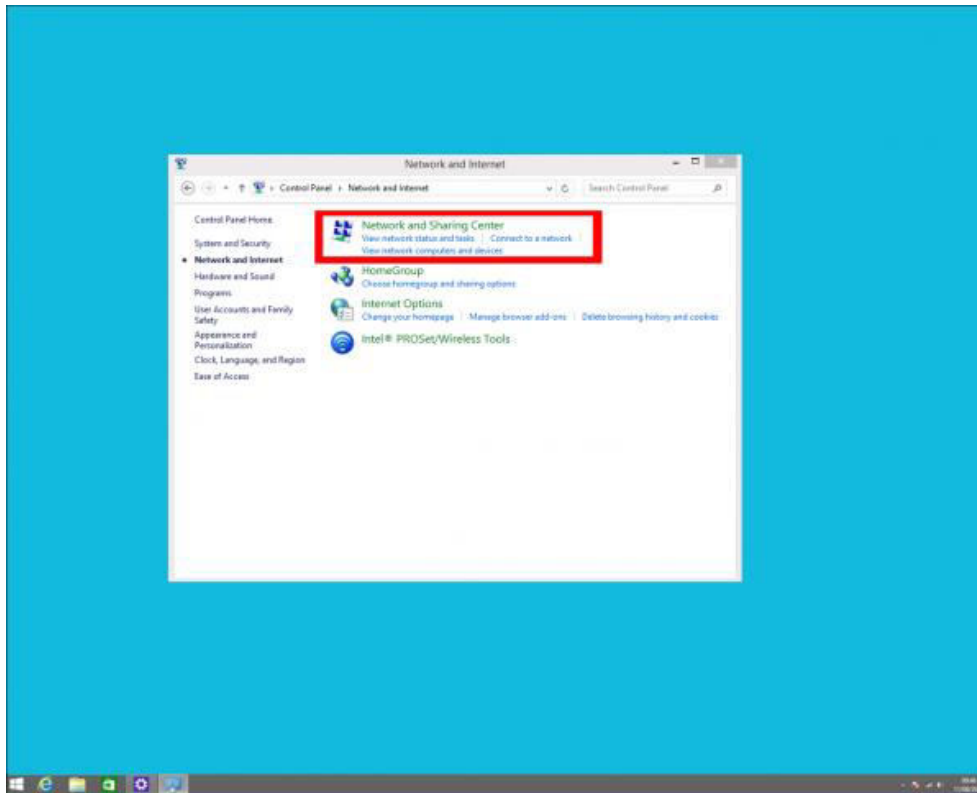
1. Open **Settings/Control Panel**
2. Open **Network & Internet**



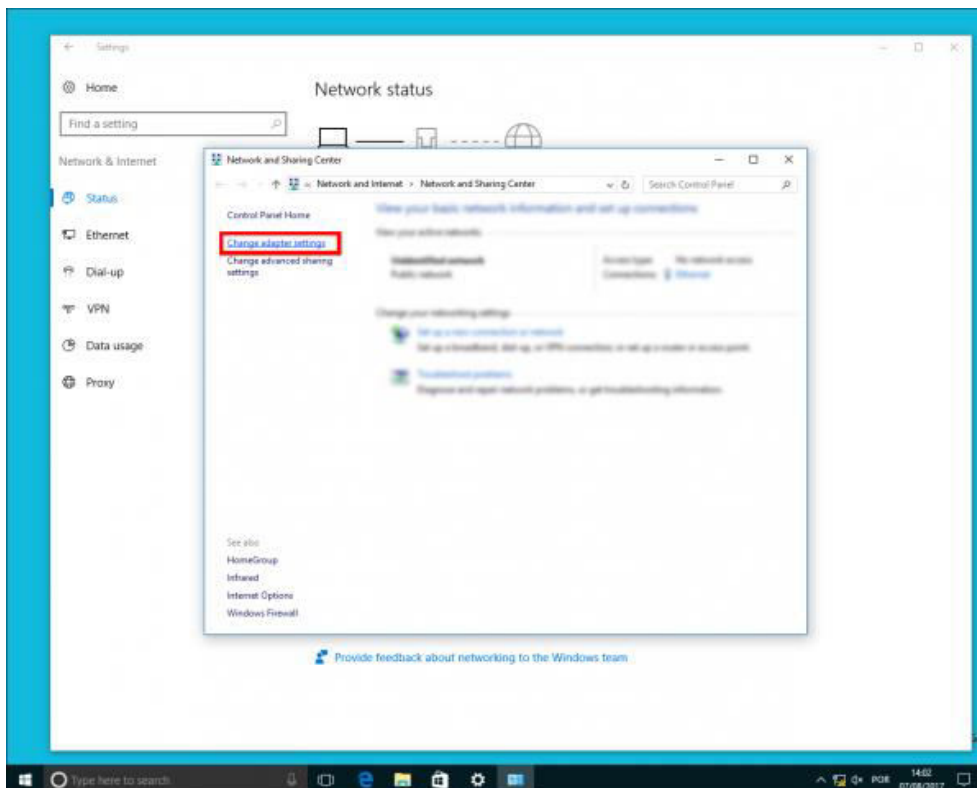


3. Click **Network and Sharing Center**

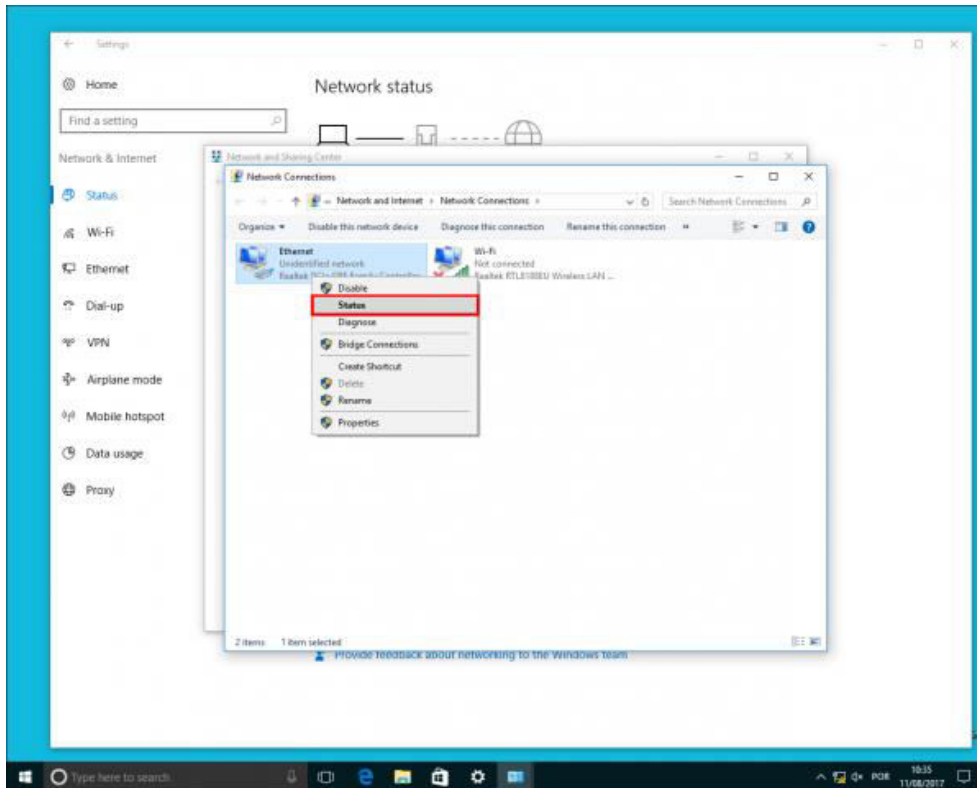




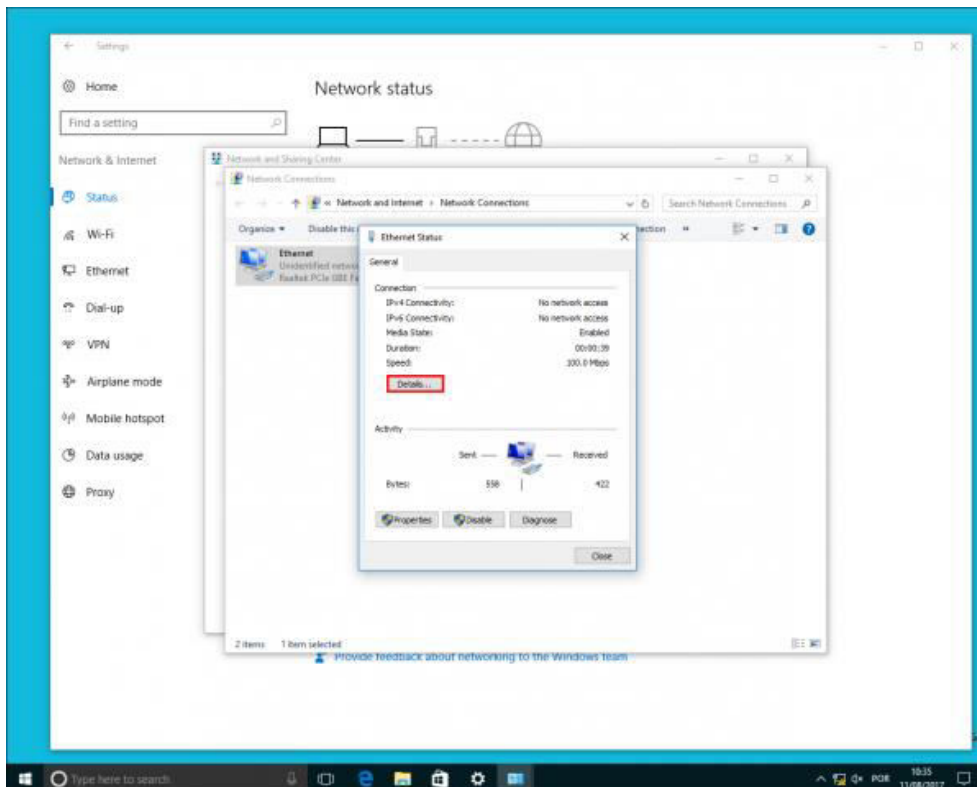
4. Click **Change adapter settings**



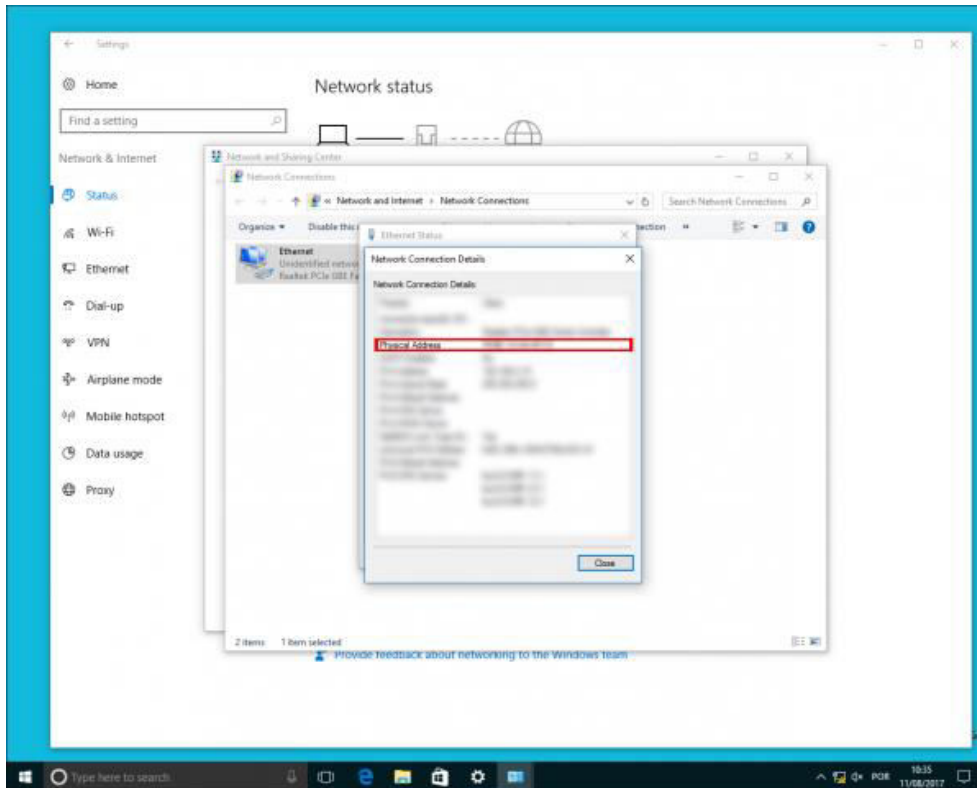
5. Right click the Network you are connected to and click **Status**



6. Click **Details...**

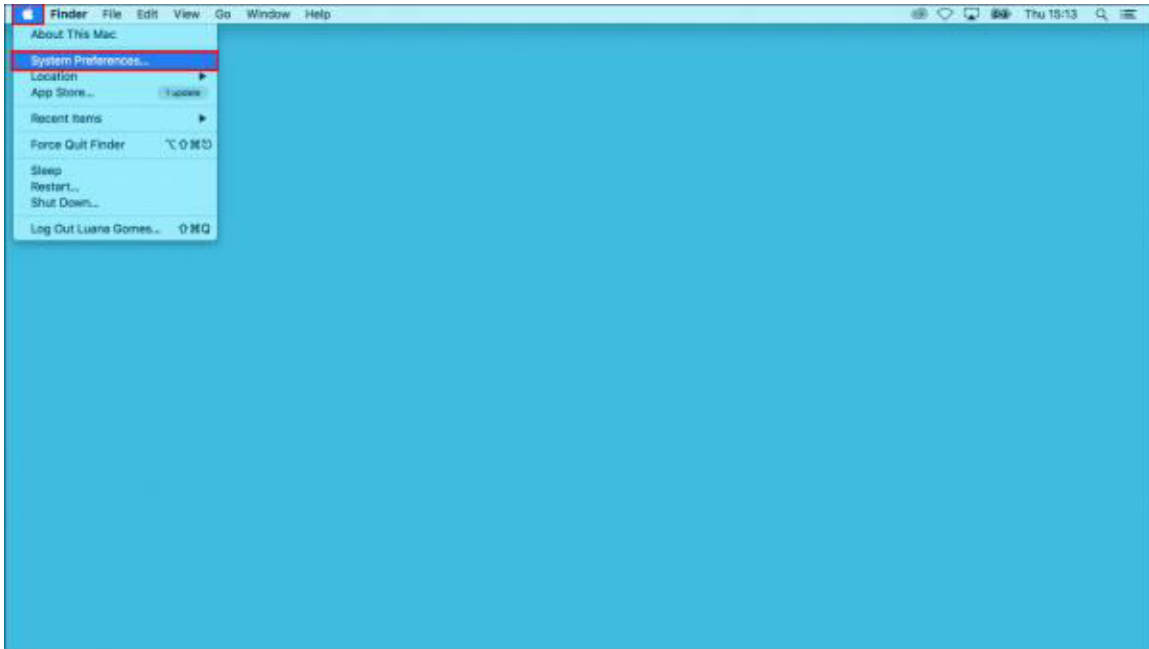


7. Your MAC address appears in the Value column, next to Physical Address.

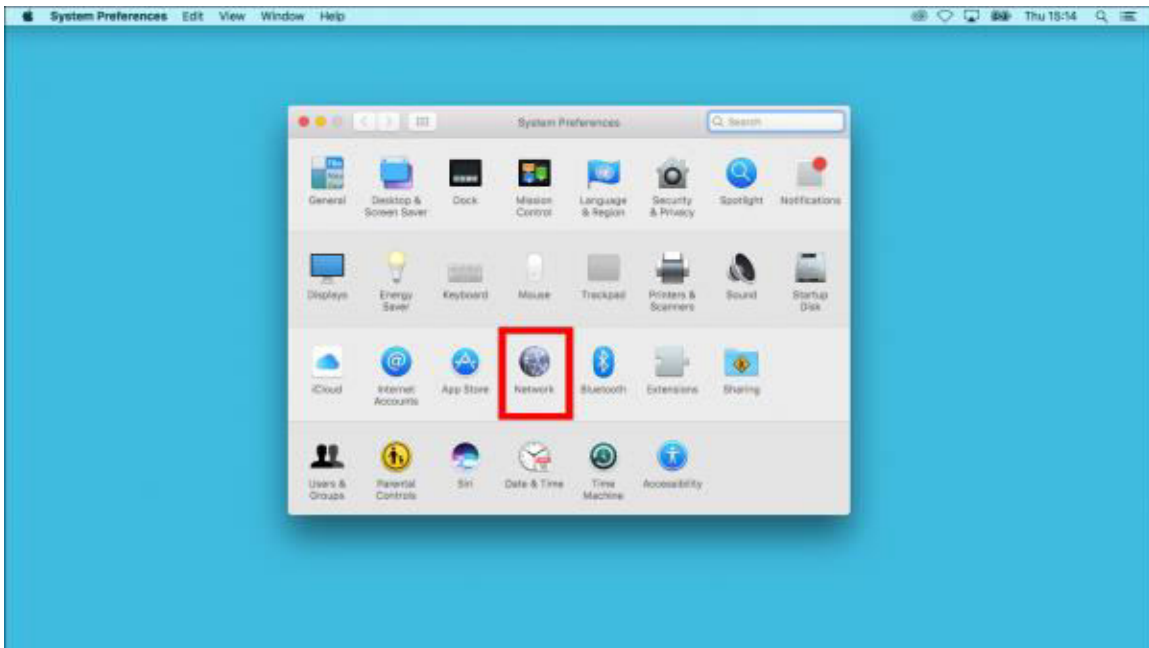


MAC OS

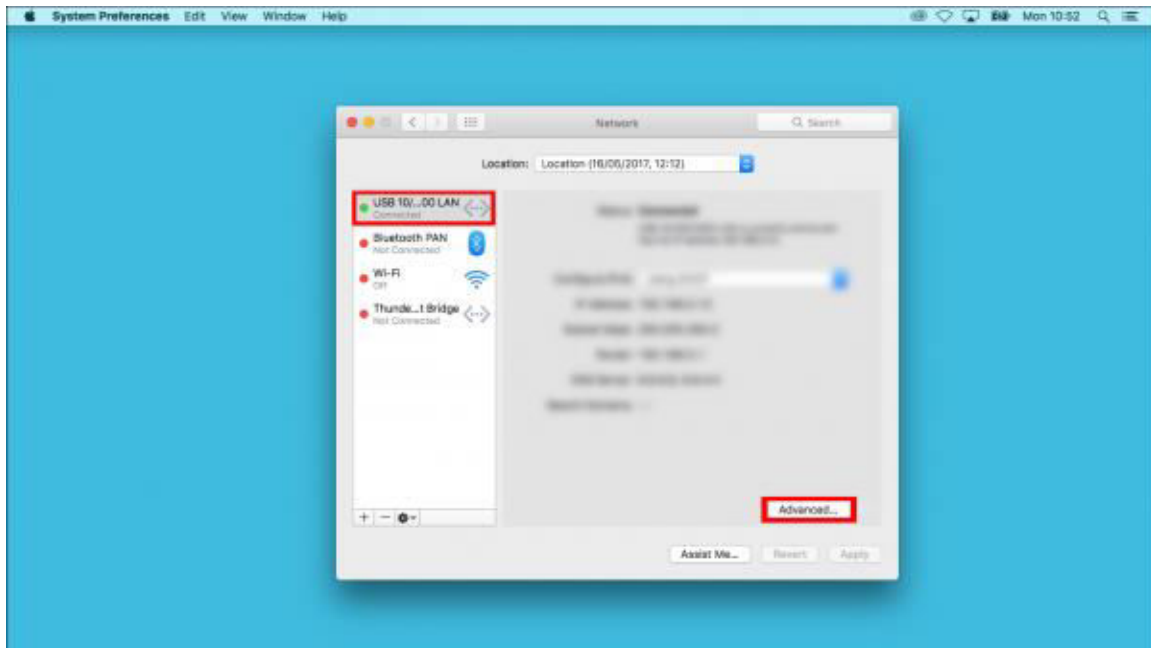
1. Click on the Apple icon on the upper-left corner of the screen and click **System Preferences**



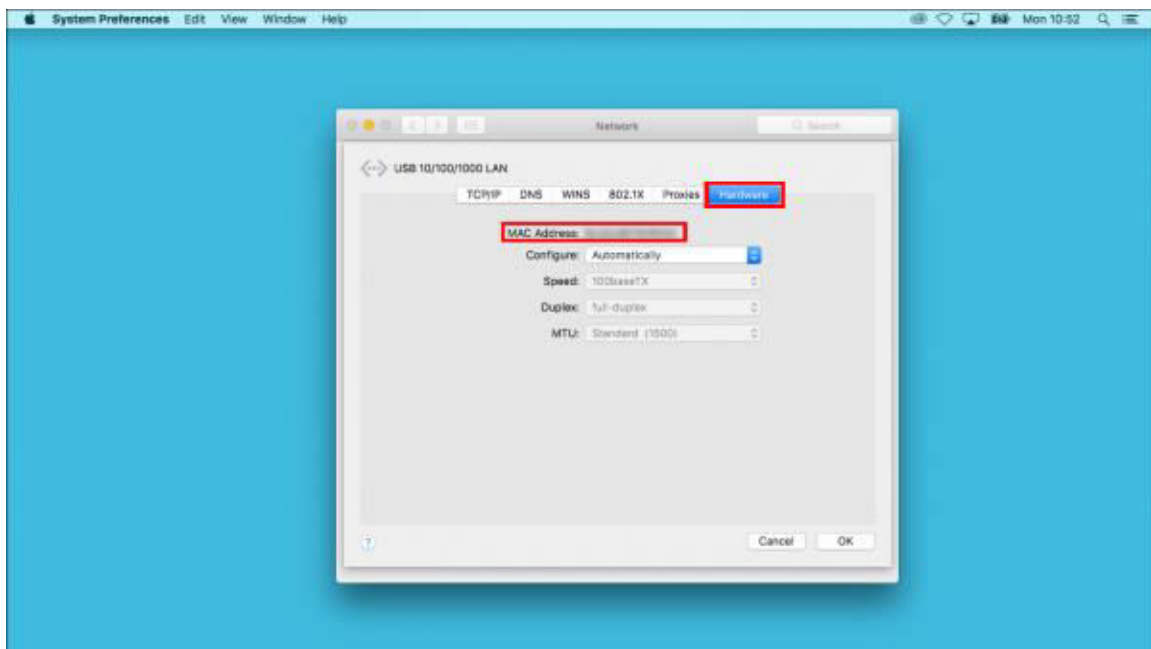
2. Click **Network**



3. Select the network you are connected to and click **Advanced...**

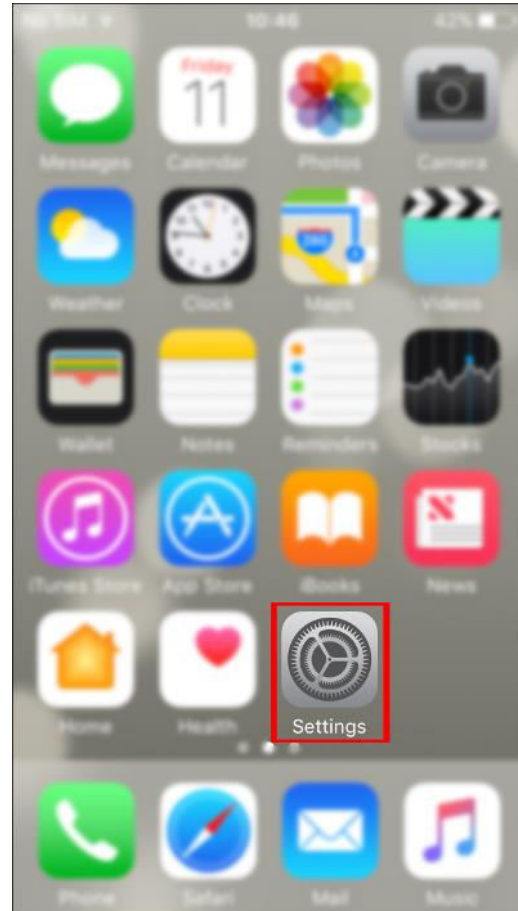
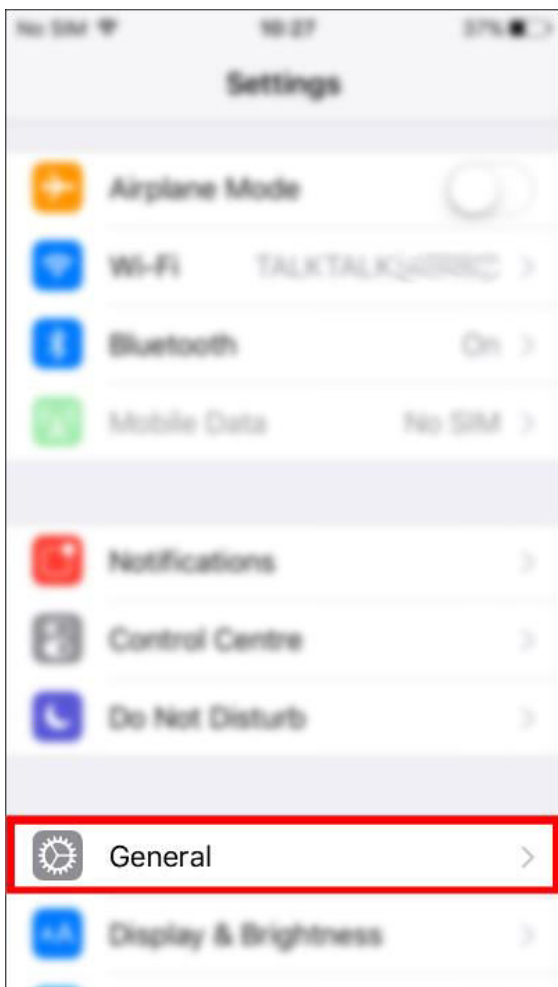


4. On the **Hardware** tab you can see the MAC address



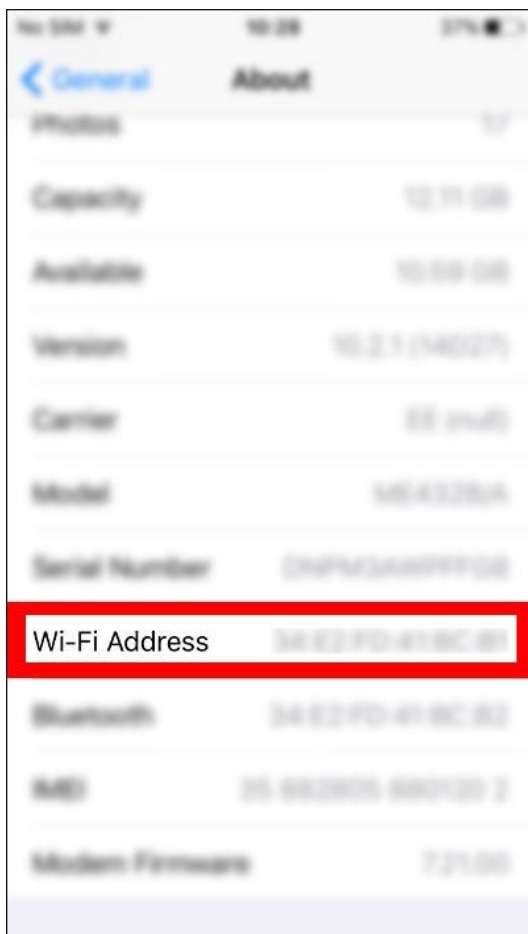
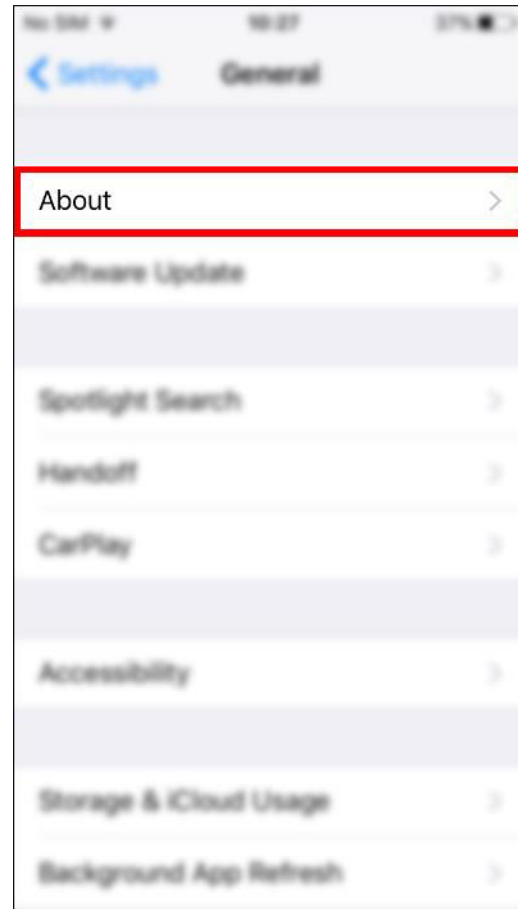
iOS

1. Open the **Settings** menu



2. Open **General**

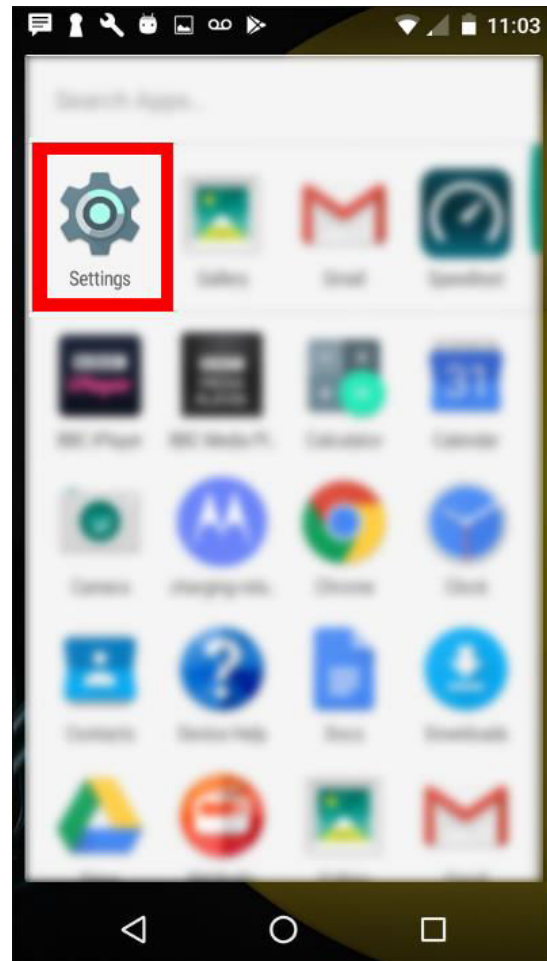
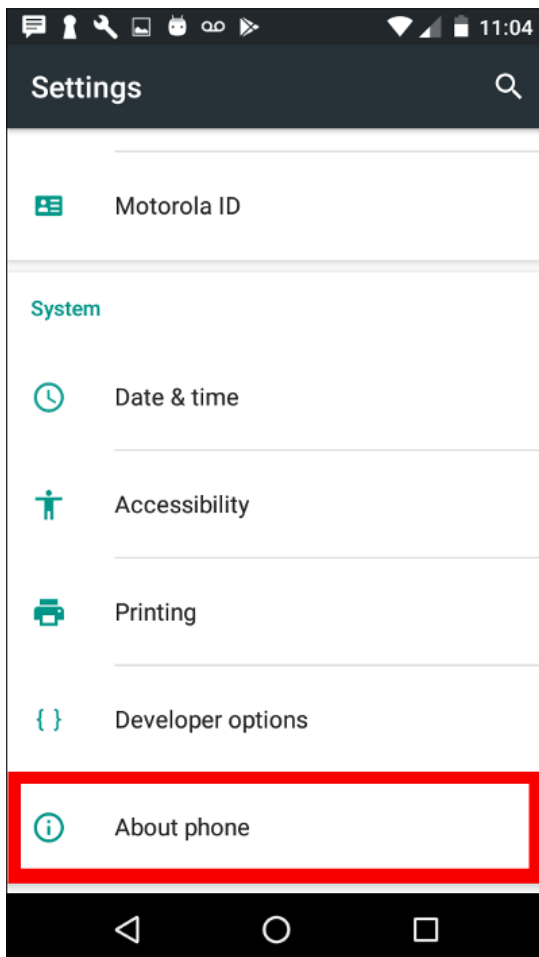
3. Open **About**



4. Your MAC address is under the name **Wi-Fi Address**

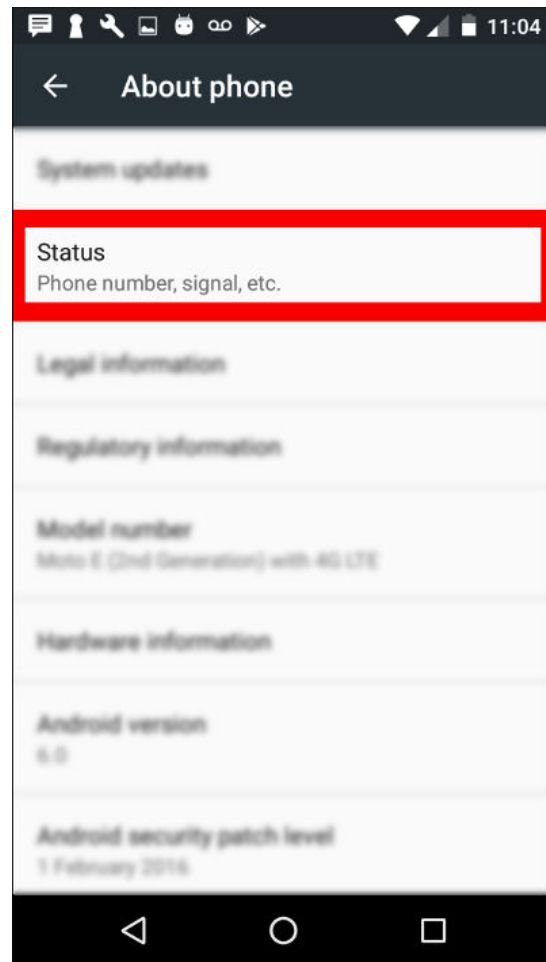
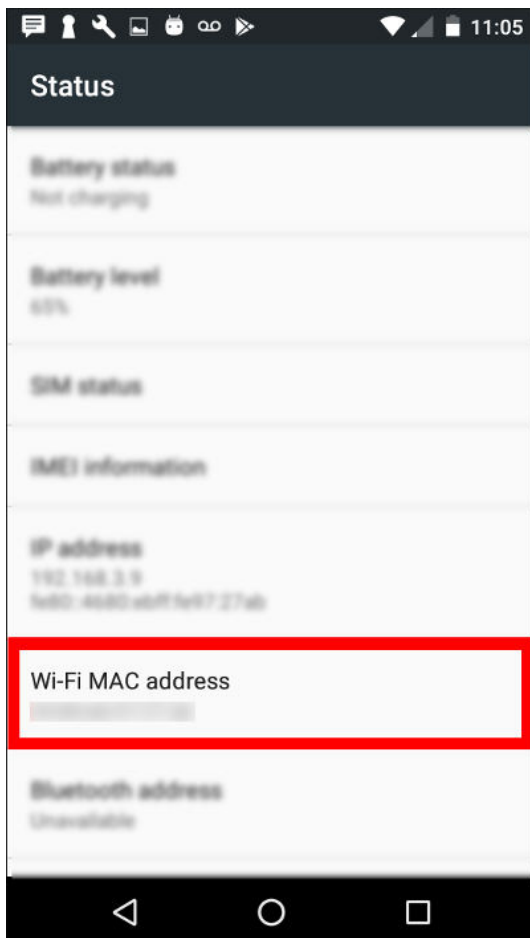
Android

1. Open the **Settings** menu



2. Tap on **About phone/tablet**

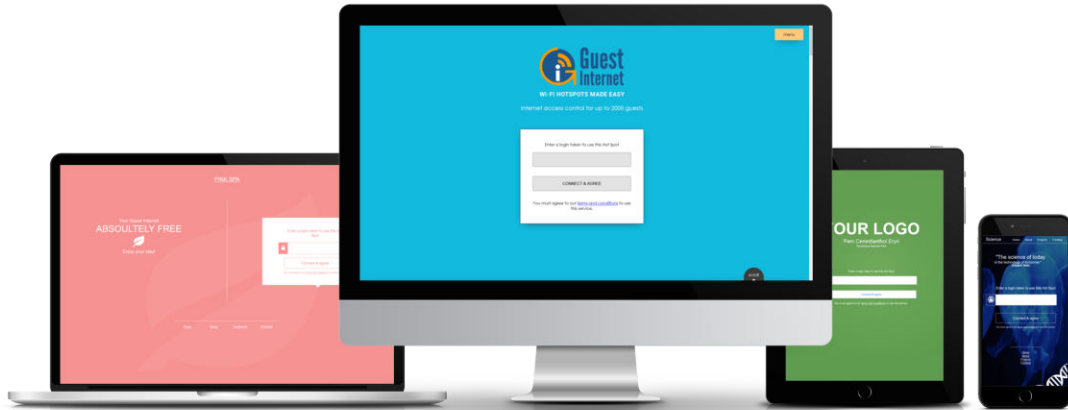
3. Open the **Status** menu



4. You can now see general information of your device, your MAC address is under the name **Wi-Fi MAC Address**

Captive Portal

A Captive Portal is a web page that requires a login method before network access is granted. The login methods can be simply [viewing and agreeing to a disclaimer](#), connecting via [Facebook™](#) or [email](#), paid access with [PayPal®](#) or [using an access code](#).



Benefits

The first and most important benefit of the Captive Portal is to free you from responsibility in case of any illegal activities by a guest. Using a captive portal also gives you control over your bandwidth, you can set limits (time, bandwidth or speed) for each user that connects to your network.

Captive Portal is an excellent marketing opportunity as your [Login Page](#) can be fully customised with your company logo, information and promotions.

1. Identify your business. By identifying your business, you prevent users to connect to a hacker's network.



2. Promote your business



You can create a personalized Login Page and display information about your business, offers and ask users to connect with you on Facebook™.

You can also collect users data and use it for marketing. For example: you can collect users email address and add them to a mailing list with offers.

3. Protect your business

As you are providing open access, some risks are introduced to your network.

If a guest does something illegal you can block the user and keep the users MAC address as well as other information.

CSV

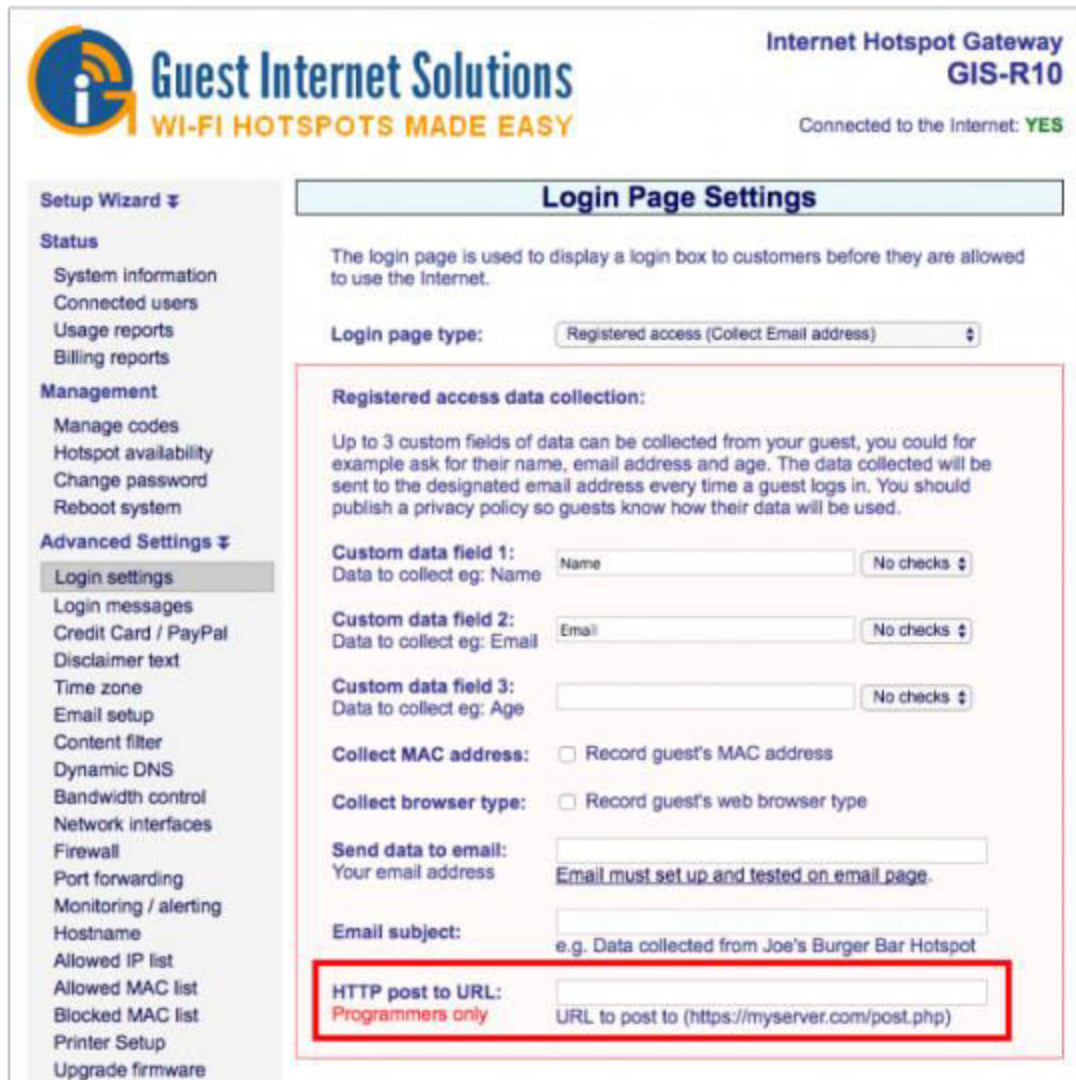
A **Comma Separated Values** (CSV) stores tabular data in plain text. Files ".csv" can be imported to and exported from any spreadsheet program.

Each line of the file is a record and record is made of fields that are separated by commas.

HTTP Post

Data collection with the GIS unit is set up on the 'Login settings page':

<http://aplogin.com/admin/loginpage.cgi>



Guest Internet Solutions
WI-FI HOTSPOTS MADE EASY

Internet Hotspot Gateway
GIS-R10

Connected to the Internet: **YES**

Setup Wizard ▾

Status

- System information
- Connected users
- Usage reports
- Billing reports

Management

- Manage codes
- Hotspot availability
- Change password
- Reboot system

Advanced Settings ▾

- Login settings**
- Login messages
- Credit Card / PayPal
- Disclaimer text
- Time zone
- Email setup
- Content filter
- Dynamic DNS
- Bandwidth control
- Network interfaces
- Firewall
- Port forwarding
- Monitoring / alerting
- Hostname
- Allowed IP list
- Allowed MAC list
- Blocked MAC list
- Printer Setup
- Upgrade firmware

Login Page Settings

The login page is used to display a login box to customers before they are allowed to use the Internet.

Login page type: Registered access (Collect Email address) ▾

Registered access data collection:

Up to 3 custom fields of data can be collected from your guest, you could for example ask for their name, email address and age. The data collected will be sent to the designated email address every time a guest logs in. You should publish a privacy policy so guests know how their data will be used.

Custom data field 1: Name No checks ▾
Data to collect eg: Name

Custom data field 2: Email No checks ▾
Data to collect eg: Email

Custom data field 3: No checks ▾
Data to collect eg: Age

Collect MAC address: ☐ Record guest's MAC address

Collect browser type: ☐ Record guest's web browser type

Send data to email:
Your email address **Email must set up and tested on email page.**

Email subject:
e.g. Data collected from Joe's Burger Bar Hotspot

HTTP post to URL:
Programmers only URL to post to (https://myserver.com/post.php)

This information can be sent to an email address, or sent to be processed by a script running on your server.

This script can be written in many different web-based languages, however the below basic example is done using PHP.

The data is sent by HTTP POST from the GIS unit when the user presses the 'Connect & agree' button to the URL you provide on the 'Login settings page'. The URL should be the location on your server of the script you are using to make use of this data.

An example would be:

`http://www.myserver.com/example.php`

The following data is sent:

Up to 3 key/value pairs defined on the login settings page. key = name defined on Login settings page

Login time/date key/value pair	key = "LOGIN"
Hotspot ID key/value pair	key = "HOTSPOT_ID"
MAC address key/value pair	key = "MAC_ADDRESS" (if selected)
Browser type key/value pair	key = "BROWSER" (if selected)

These are all contained in the `$_POST` array.

You can access the key/value pairs in the `$_POST` array by requesting the value using the "key". This is done with the following:

```
$_POST["key"];
```

Where "key" is an example key of a key/value pair.

This can be passed to a variable with the following:

```
$example_variable = $_POST["key"];
```

`$example_variable` now contains the value associated with the key value pair of the given key. This variable can now be used as you wish, e.g. to pass to your database. You can also get a dump of all the information from the `$_POST` array using the following:

```
var_export($_POST, true);
```

Or

```
var_dump($_POST);
```

The following example takes the `$_POST` information and passes each value from the key/value pairs to variables, and also does a `var_export` of the `$_POST` to see all the data contained within it. It then appends these variables to a text file located in the same directory as the php script, so you can easily see the output.

Example Code

```
<?php
//set variable $file to be the text file located on server
$file = 'test.txt';

//set variables to take the value of $_POST based on the "key" given for that value
$name = $_POST["Name"]; //name set by user
$age = $_POST["Age"]; //name set by user
$favorite_colour = $_POST["FavoriteColour"]; //name set by user
$login = $_POST["LOGIN"];
$spotID = $_POST["HOTSPOT_ID"];
$mac = $_POST["MAC_ADDRESS"]; // Needs to be selected on login settings page
$browser = $_POST["BROWSER"]; // Needs to be selected on login settings page

//Exports all the key/value pairs from $_POST
$arr = var_export($_POST, true);

//Append the values of the above variables to a file $file
file_put_contents($file, "Name:$name\n
Age:$age\n
Favourite Colour:$favorite_colour\n
Login:$login\n
Hotspot ID:$spotID\n
MAC address:$mac\n
Browser:$browser\n\n
Everything from the var_export $arr\n\n", FILE_APPEND | LOCK_EX);
//The End
?>
```

This should write something similar to the following to the test.txt file located in the same directory as the PHP script:

```
Name:Mike
Age:25
Favourite Colour:Blue
Login:2015-08-03 07:36:33
Hotspot ID:152axxx
MAC address:00:00:00:00:00:00
Browser:Linux/Firefox

Everything from the var_export array (
'LOGIN' =      > '2015-08-03 07:36:33',
'HOTSPOT_ID' =      > '152axxx',
'Name' =      > 'Mike', 'Age' =      > '25',
'FavoriteColour' =      > 'Blue',
'MAC_ADDRESS' =      > '00:00:00:00:00:00',
'BROWSER' =      > 'Windows/Firefox',
)
```

This is not very easy to read, nor very useful, however it shows the basic concept of receiving the information from the GIS unit and saving it to your server to then make use of.

Rather than printing these variables to a text file you can pass them to your database and use them as you wish to provide analytical data about your users and their internet usage.

API

The access code request API is implemented in all GIS firmware versions and is available to PoS vendors and other systems integrators upon request.

The GIS firmware includes a firewall from the DMZ to the private network to ensure compliance of the PCI-DSS recommendations.

The firewall prevents any DMZ public access to the private subnet, which protects sensitive information stored in PoS computers.

The GIS-gateway has four LAN ports to connect DMZ devices.

The API has three separate functions:

- Generate one or more codes (up to the limit permitted by the gateway)
- List access codes available on the gateway with status of each
- Delete codes and remove from the database

Creating Codes

Codes can be added to the system via a single HTTP call, the URL is:

<http://aplogin.com/codes/makecode.cgi>

Password for codes needs to be created first at:

<http://aplogin.com/admin/password.cgi>

If not logged in to the codes interface at <http://aplogin.com/codes>, the password should be passed as an argument:

<http://codes:password@aplogin.com/codes/makecode.cgi>

The IP of the GIS device can also be used instead of the hostname.

An example call would be:

<http://aplogin.com/codes/makecode.cgi?num=1&time=30&type=n>

This would create a normal, single user code with a 30 minute duration.

Parameters to pass are shown in the following table:

Parameter	Values	Comments
code	Create a name to the code	Argument is optional and is not necessary for the call
num	Number of codes to create	Argument must be included in the call. The maximum number of codes is limited by the codes available on the gateway
time	Time in minutes	Argument must be included in the call.
type	Type of code: n =normal/single user m =multi-user	Argument must be included in the call.
download	Download limit(kbps)	Argument is optional and is not necessary for the call
upload	Upload limit (kbps)	Argument is optional and is not necessary for the call
downlimit	Download data limit (mbps)	Argument is optional and is not necessary for the call
uplimit	Upload data limit(mbps)	Argument is optional and is not necessary for the call

The API call will either return a new code which is ready to use or an error; the possible errors are listed below:

- ERROR: Invalid parameters
- ERROR: You can't create more than XX codes
- ERROR: Code type not valid
- ERROR: Code time not valid
- ERROR: Code upload limit not valid
- ERROR: Code download limit not valid

Deleting Codes

Codes can be deleted from the system via a single HTTP call, the URL to use is:

<http://aplogin.com/codes/deletecode.cgi>

Parameters to pass include:

Parameter	Values	Comments
code	code to be deleted	Argument must included in the call.

An example call would be:

<http://aplogin.com/codes/deletecode.cgi?code=876DTW>

This would remove the code 876DTW if it exists on the system.

The API call will either return OK or an error; the possible errors are listed below:

- ERROR: Invalid parameters
- ERROR: Code does not exist
- ERROR: Unable to delete code

Viewing Codes

Codes cannot be tested individually but a call can be made to list all of the codes on the system, it is then up to the software making the API call to parse the data returned and present it in the format required for the user or make any search or tests required on a code.

A list of codes can be obtained from the system via a single HTTP call, the URL to use is:

<http://aplogin.com/codes/showcode.cgi>

There are no parameters to pass for this API call.

The API call will either return a list of codes or an error message, the list of codes are presented in a tab (\t) delimited format with a header row.

CODE	TIME	TYPE	USED	LEFT	DOWN	UP
113DRW	2	n	Yes	Expired	*	*
1AT1AQ	30	t	No	30	*	100
3B0AQ0	2	n	Yes	Expired	*	*
61QG8G	30	t	No	30	*	*
8CWJLE	30	n	No	30	*	*
94KH4E	30	n	No	30	*	*
ARLGH0	30	m	No	30	*	*
BJKBH7	2	n	Yes	Expired	*	*
M47TGF	32	t	No	32	*	999
WY7W0R	2	t	No	2	*	999

Get list of allowed MACs

<http://aplogin.com/admin/macmanage.cgi?list=allowed>

Get list of blocked MACs

<http://aplogin.com/admin/macmanage.cgi?list=blocked>

Block a MAC

The MAC address needs to be written in the colon separated format.

<http://aplogin.com/admin/macmanage.cgi?mac=00:11:22:33:44:55&action=block>

Allow a MAC

The MAC address needs to be written in the colon separated format.

<http://aplogin.com/admin/macmanage.cgi?mac=00:11:22:33:44:55&action=allow>

Enable Remote Management

Remote management can be enabled by substituting aplogin.com for the IP address of the gateway.

PCI DSS

The **Payment Card Industry Data Security Standard (PCI DSS)** requires all businesses to ensure that credit card information is protected, by preventing unauthorized access via the network, using one or more firewall products.

Network designs have two points of entry for hackers who try to steal credit card information from point of sale computers.

The first point of entry is through the Internet connection. The outbound Internet connection is required to process credit card information. However the inbound direction has to be blocked to prevent hackers using the internet to access the point of sale computers.

The second point of entry is through any wireless access point that is provided for guests and visitors to get Internet access.

The PCI DSS standards recommend that two separate Internet circuits should be used: one for the point of sale system, and one for the public guest Internet network.

One Internet circuit can be used when firewall devices are installed to protect the point of sale system from attack. A firewall however is only as good as the person who configures the firewall. It is necessary to take great care when writing the firewall rules to ensure that no path exists for a possible attacker.

FAQs

Q. How do I get the latest firmware?

A. See the firmware request box on the support page. Provide the following information: product model, current firmware version, serial number and your email address. We will respond and send you the correct firmware for your product. Note that some email providers may not permit you to receive a binary file via email.

Q. How do I determine which gateway product is the best one for my application?

A. Each product has a maximum bandwidth capacity and can be selected for the Internet circuit. There is no limit to the numbers of users

Unit	Internet Circuit and Number of users
GIS-K1:	Up to 50 Mbps circuit
GIS-K3:	Up to 75 Mbps circuit
GIS-K5:	Up to 75 Mbps circuit
GIS-K7:	Up to 75 Mbps circuit
GIS-R2:	Up to 100 Mbps circuit
GIS-R4:	Up to 150 Mbps circuit
GIS-R6:	Up to 200 Mbps circuit
GIS-R10:	Up to 400 Mbps circuit
GIS-R20:	Up to 600 Mbps circuit
GIS-R40:	Up to 800 Mbps circuit

Q. Can I sell Internet access by charging Internet users using credit cards?

A. All units, apart from the GIS-R2, will permit a Hotspot operator to charge for Internet access. The Hotspot operator will have to obtain a PayPal® account to receive payments.

Q. I have a motel and I just received a letter from my DSL service provider telling me that my service will be cut off due to illegal file downloads. How can I stop my guests downloading illegal files?

A. All units, apart from the GIS-R2, have the ability to block the software that is used for illegal downloads of copyrighted material. The ISPs can detect when a peer-to-peer file sharing program, such as bittorrent is being used. Note that when file share blocking is activated then the maximum number of users is reduced.

Q. How do I prevent guests looking at X-rated web sites in the hotel lobby?

A. All our gateway products have content filtering, which can be activated during installation. The content filter requires an account with OpenDNS, the leading content filtering service.

Q. Can I access the gateway remotely after I have installed it?

A. Yes you can. All our gateway products have a check box as part of the firewall configuration to permit remote access. The gateway will have to be configured with a fixed IP and the DSL or Cable router will have to be configured for port forwarding. If the DSL or Cable service has a fixed IP then remote access just requires the IP address and the port number allocated to the gateway. If the DLS or Cable IP address is dynamic then the gateway DynDNS service can be used. An account is required with DynDNS and their service permits the gateway IP to be obtained.

Q. How do I isolate users to prevent one from accessing the information of another?

A. User isolation is implemented by configuring each wireless access point for WVLAN operation. Commercial grade access points support WVLAN configuration, including those manufactured by Engenius and Ubiquiti. All our gateway products provide support features for advanced wireless access point operation, including port forwarding for remote configuration, and failure monitoring.