



Installation Guide

Wireless 4-Port USB Sharing Station

GUWIP204
Part No. M1172-a



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Package Contents

- 1 x Wireless 4-port USB Sharing Station
- 1 x Installation Manual
- 1 x Installation CD
- 1 x Warranty / Registration card
- 1 x Power Adapter

System Requirements

Computer:

- CPU of 1.7GHz and above
- Minimum 512MB RAM
- Windows XP/Vista /7
- Mac OSX 10.6 and up
- Available wireless router in home/office network

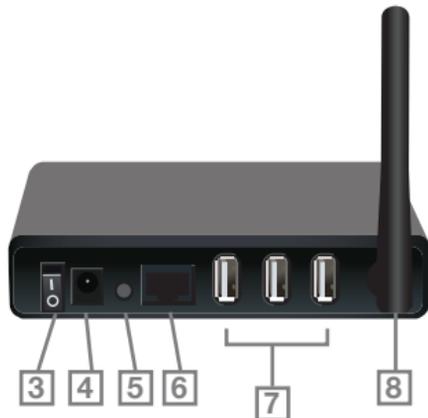
Supported Devices:

- Printer or Multi-function printer with USB connection*
- External USB hard drive
- USB webcam*
- USB flash drive
- USB memory card reader
- USB printer
- USB scanner

* Some USB devices require a direct connection to the computer for optimum performance

Product Overview

1. USB connection LED
2. USB port located on the front
3. On/Off Switch
4. Power adapter connector
5. Reset button
6. Network port
7. USB ports located on the back
8. Antenna



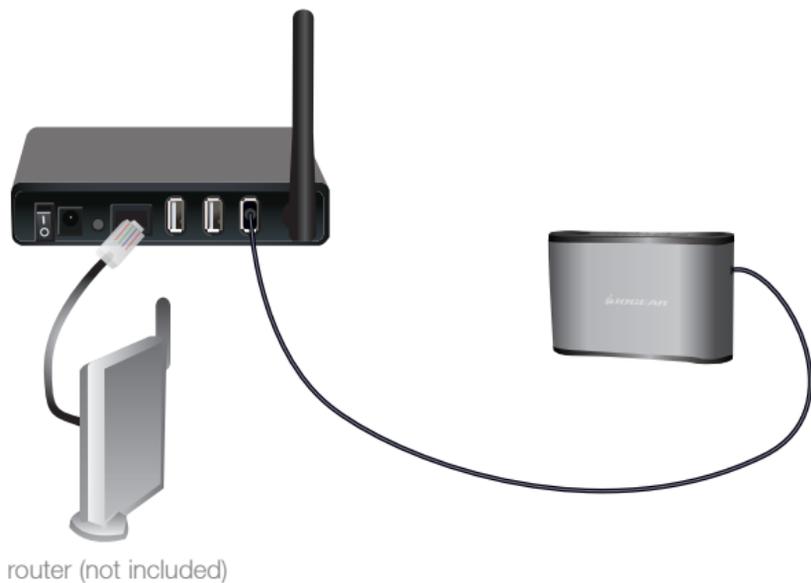
Hardware Installation

NOTE: Before you connect your USB device to the GUWIP204, please refer to the user manual and install the driver on your computer first, for example the driver for your printer. When the installation is completed, safely disconnect your USB devices from your computer. Disconnect the power source from USB devices.

1. Connect your USB device to any one of the USB ports on the USB Sharing Station



2. Connect the GUWIP204 to the router or switch with the included Ethernet cable.



3. Connect the power adapter to the G UWIP204 and turn it on using the on/off switch. The USB connection LED will turn on indicating that unit is correctly connected to the network. Turn on your USB device.



Windows Software Installation

Please insert the driver CD into your Windows based PC. The CD should auto play and bring up the software installer.

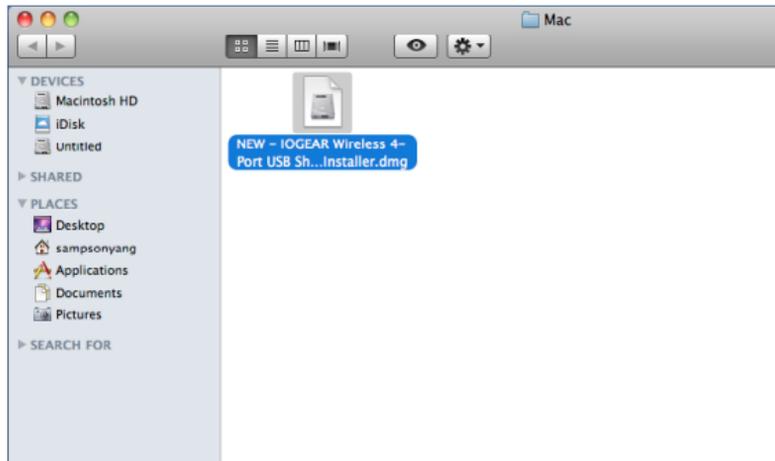
If you have disabled the auto-play function, please browse the CD and install the driver program manually.

Follow the instructions of the wizard to complete the installation process. Once the installation is complete, click "Finish" to launch the application.

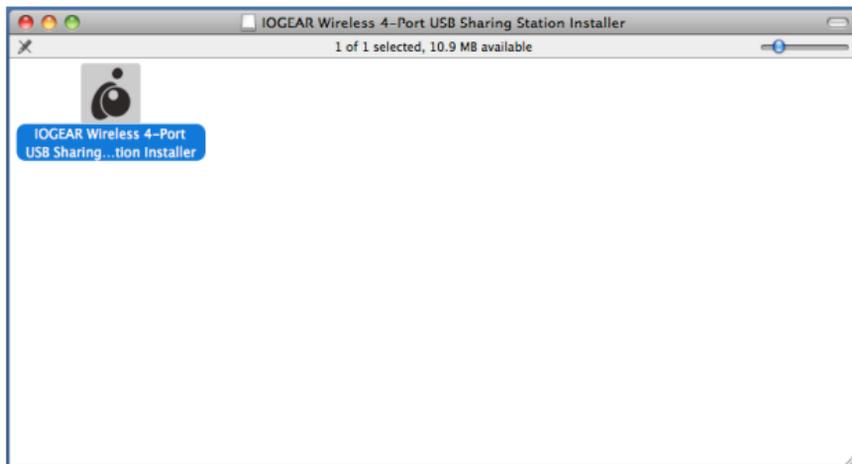


Mac Software Installation

1. Please insert the driver CD into your Mac. The CD should mount and you can view the CD contents in Finder. Click on the Mac folder.
2. Next double click on the installer.dmg file. This will mount the installation Utility.



3. Next double click on the installer file named “IOGEAR Wireless 4-Port USB Sharing Station Installer”.



4. Enter the user name and password to continue.

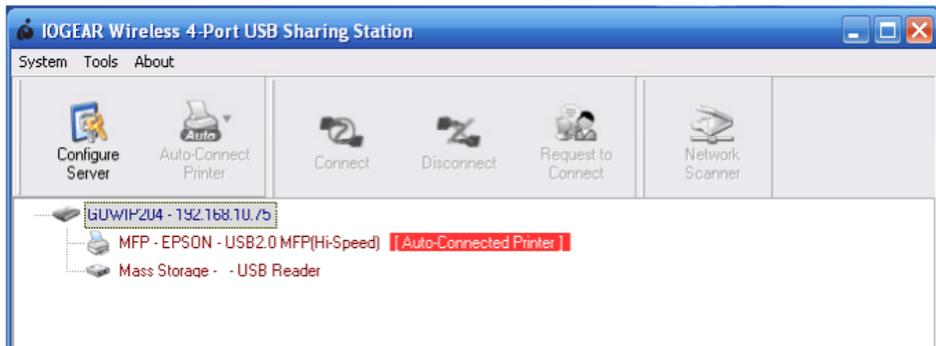


5. The installation is now complete. Click on the “Restart” button when prompted to reboot the computer.

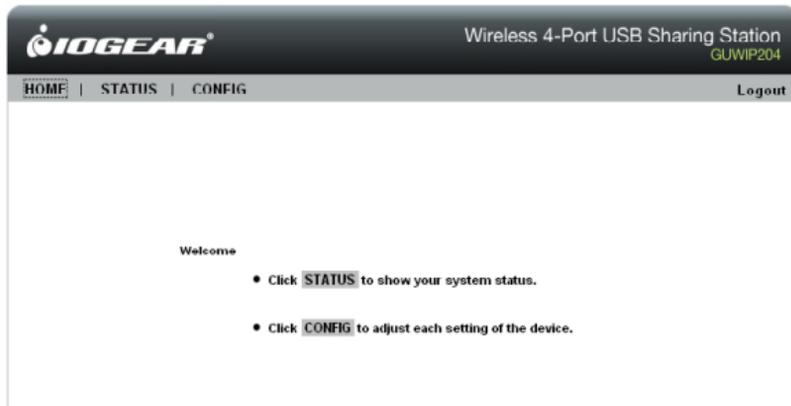


Configuration

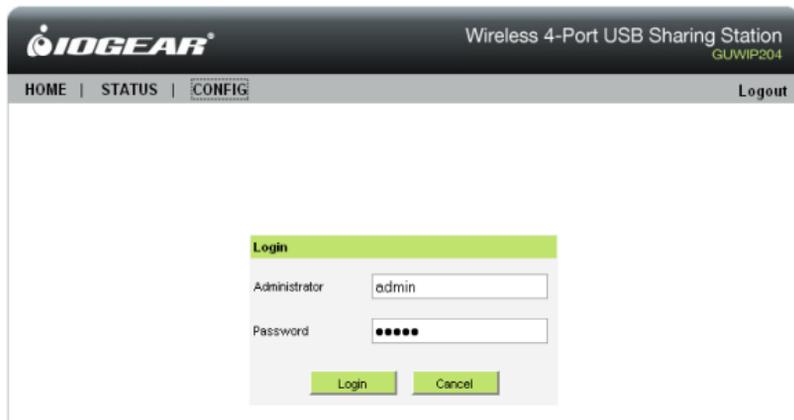
1. Run the IOGEAR Wireless 4-Port USB Sharing Station Control Center. It will automatically search the G UWIP204 and display the status.
2. Select the G UWIP204 that you want to configure. Next click on the “Configure Server” icon.



3. This will bring up the configuration page in your web browser. Click “Config”



4. Enter the Administrator Username (default: admin) and Password (default: admin) to login. This will bring you to the G UWIP204 Configuration page.



The screenshot shows the web interface for the IOGEAR Wireless 4-Port USB Sharing Station G UWIP204. The top navigation bar includes the IOGEAR logo, the product name, and the model number. Below the navigation bar, there are links for HOME, STATUS, and CONFIG (which is highlighted), and a Logout link. The main content area features a login form with a title bar, input fields for Administrator (containing 'admin') and Password (masked with dots), and Login and Cancel buttons.

IOGEAR Wireless 4-Port USB Sharing Station
G UWIP204

HOME | STATUS | **CONFIG** Logout

Login

Administrator

Password

Login Cancel

General Settings

The Configuration page has four tabs: General, Wireless, Administrator and Maintenance. Select “General” tab, you can either assign an IP address to the IOGEAR Wireless 4-Port USB Sharing Station or you can automatically get an IP address by using DHCP (Recommended). Scroll to the bottom of the page and click “Submit” to save any changes.

The screenshot shows the configuration interface for an IOGEAR Wireless 4-Port USB Sharing Station (G UWIP204). The page has a navigation bar with 'HOME | STATUS | CONFIG' and a 'Logout' link. Below the navigation bar are four tabs: 'General', 'Wireless', 'Administrator', and 'Maintenance'. The 'General' tab is selected and highlighted with a red circle. The configuration is organized into sections with green headers:

- Server Information**:
 - Server Name: G UWIP204 (15 letters[max.])
 - Workgroup: WORKGROUP (15 letters[max.])
 - Description (optional): IOGEAR G UWIP204 4-F (48 letters[max.])
- Storage Access Mode**:
 - Server Mode
 - NetUSB Mode
- TCP/IP**:
 - Automatically get IP by DHCP
 - Static IP
 - IP Address: 192.168.1.100 (15 letters[max.])
 - Subnet Mask: 255.255.255.0 (15 letters[max.])
- UPnP Setting**:
 - Enable
 - Disable
- File Server Codepage**: (This section is partially visible at the bottom of the page)

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Wireless Configuration - WEP

1. Next, configure the wireless settings by selecting “Wireless” tab. Scan for your wireless network by clicking the “Enter” button in the Scan AP section.



The screenshot displays the configuration interface for an IOGEAR Wireless 4-Port USB Sharing Station (GUWIP204). The page is titled "Wireless 4-Port USB Sharing Station" and "GUWIP204". The navigation menu includes "HOME", "STATUS", and "CONFIG". The "CONFIG" section is active, and the "Wireless" tab is selected. The "Security System" dropdown menu is highlighted with a red circle and set to "WEP".

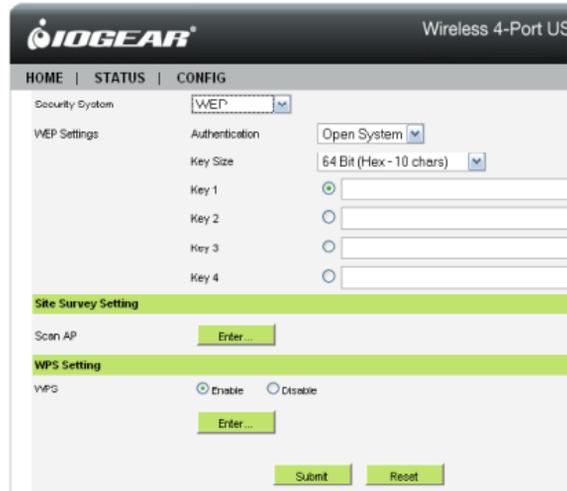
Section	Field	Value
Basic	Station Name	00-11-E5-02-03-5A
	Network Type	Infrastructure
	SSID	Default (32 letters(max.))
Security	Security System	WEP
	WEP Settings: Authentication	Open System
	Key Size	64 Bit (Hex - 10 chars)
	Key 1	ABCDEF4321
	Key 2	
Site Survey Setting	Key 3	
	Key 4	
	Scan AP	Enter...

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2. Select your wireless network and click the "Set" button.



3. Next choose the security system and enter key which are suitable for your AP wireless setting. Once that is complete, scroll to the bottom of the page and click "submit" to complete the wireless configuration.



Wireless Configuration - WPA/WPA2

1. Select your Network Type from the drop down menu.
2. Type in the SSID for the wireless network. This is the name of your wireless network.
3. Select your Security System between WPA or WPA2. This would be determined by the type of wireless network security that was setup when the router was configured. Then choose the Key Format for your wireless network password. Then enter the Pre-Shared Key, this is the pass key for your wireless network. Finally choose the Encryption type that was setup for the pass key.
4. Scroll down and press the Submit. Allow the GWUIP204 to restart and come back to the login screen. Then the GUWIP204 can be powered off and disconnected

from the hard wired connection. You can then power on the GUWIP204 and the device should be recognized by the GUWIP204 software.

The screenshot shows the configuration interface for an IOGEAR Wireless 4-Port USB Sharing S device. The page is titled "Wireless 4-Port USB Sharing S" and has a navigation bar with "HOME", "STATUS", and "CONFIG". The "CONFIG" section is active, with sub-tabs for "General", "Wireless", "Administrator", and "Maintenance". The "Wireless" tab is selected, showing the following settings:

- Basic:** Station Name: 00-21-80-A1-00-08; Network Type: Infrastructure (dropdown); SSID: [text input] (32 letters[max.]).
- Security:** Security System: WPA2 - PSK (dropdown); WPA-PSK Settings: Key Format: Passphrase (8~63 chars) (dropdown); Pre-Shared Key: [text input]; Encryption: TKIP (dropdown). A red note states: "Note: WPA-PSK/WPA2-PSK is not available with ad-hoc networks."
- Site Survey Setting:** Scan AP: [Enter] button.
- WPS Setting:** WPS: Enable Disable.

Administrator Configuration

By clicking the “Administrator” tab on the Configuration page, you can change the administrator user name and password. You can also add users or remove users.

The screenshot shows the IOGEAR configuration interface for a Wireless 4-Port USB Sharing Station (GUWIP204). The page is titled "Administrator Configuration" and is part of the "CONFIG" section. The "Administrator" tab is selected and highlighted with a red circle. The page contains two main sections: "Set Administrator" and "User Account List".

Set Administrator

Administrator: 15 letters(max.)

New Password: 15 letters(max.)

Re-type Password: 15 letters(max.)

User Account List

User Name: Password:

Permission:

Current User Account List		
User Name	Password	Permission
No Account Lists		

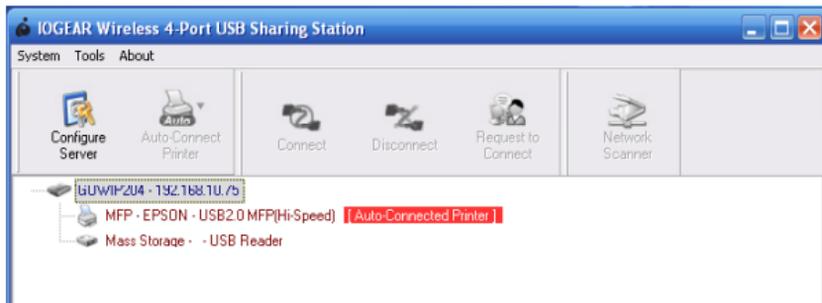
*Allows up to 25 user accounts.

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You can now unplug the Ethernet cable from the G UWIP204 and it will automatically connect to your wireless router. The WAN LED should start blinking.

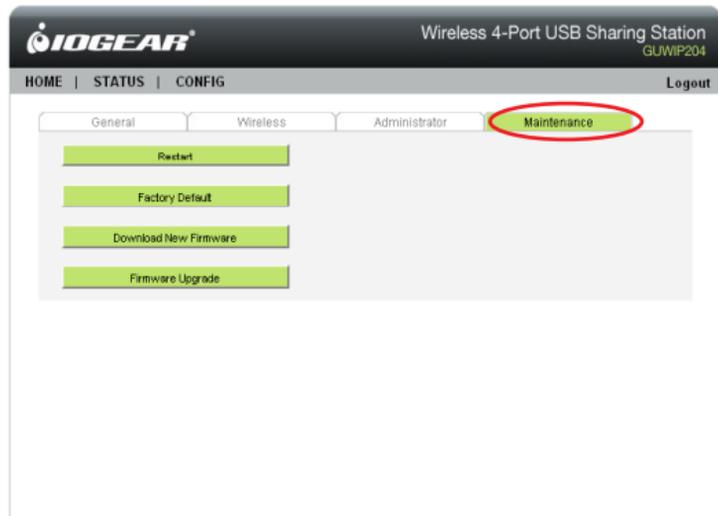
Open the IOGEAR Wireless 4-Port USB Sharing Station Utility. You should see the

G UWIP204 a few seconds after the utility is opened. If you do not see the G UWIP204 in the list, you will need to plug the Ethernet cable back in and double check the G UWIP204 wireless settings.



Maintenance

Clicking on the “Maintenance” tab on the Configuration page will take you to the maintenance section where you can reset the device, restore to factory settings, or upgrade the firmware. Refer to page 35 for details on firmware upgrade. For the latest firmware versions, be sure to check the IOGEAR website at <http://www.iogear.com>.

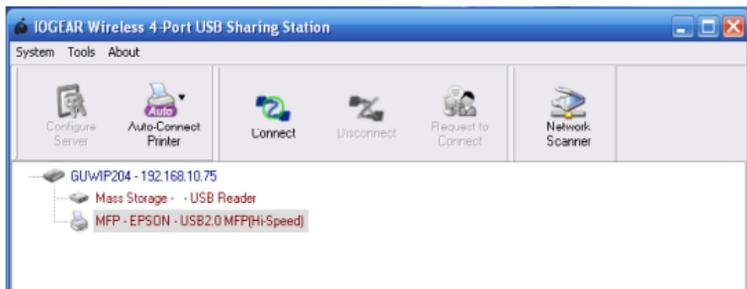


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Connect to an attached USB device

Open the USB Share Station Utility. You should see GUWIP204 as well as the attached USB devices. Make sure the drivers for these are already installed on your computer for before connecting to them through the GUWIP204.

1. Click on the device you wish to connect to, then click on the “Connect” icon. Clicking on the “Connect” icon simulates an actual USB device plug-in.
2. Now you can use the device as if it were connected directly to your PC’s USB Port. Once connected you will see “Manually Connected By Your Computer’s Name”.



NOTE: Only 1 PC is allowed to connect to the USB Device at a time.

Request to Connect

If a USB device is manually connected by another user, you will not be able to connect to that device. But with the “Request to Connect” feature, you can send a message to the connected user to request they disconnect to the device.

1. Open the USB Share Station Utility. Click on the occupied device you wish to send a request to and the “Request to Connect” icon will be enabled
2. Click on the “Request to Connect” icon to send a message to the other computer.



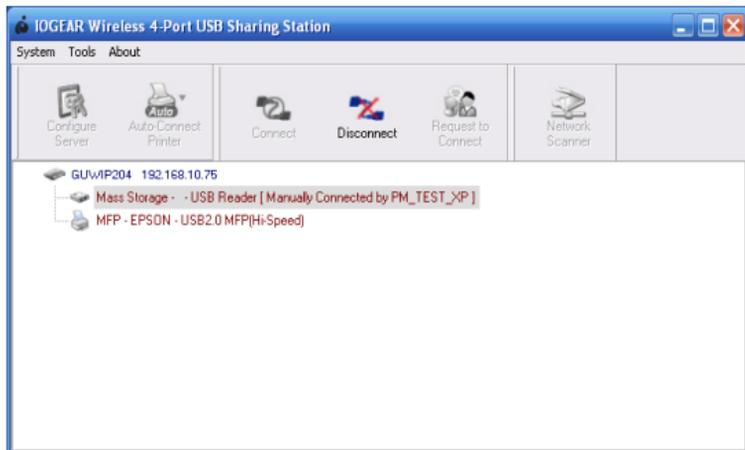
The other user can either “Accept” or “Reject” your request. If they “Accept”, then they will automatically disconnect from the device and you will automatically be connected. If they “Reject” your request, no changes will be made. They will remain connected to the device.



Disconnecting a USB device

Once you are finished using the USB device, open the USB Share Station Utility. Click on the device you wish to disconnect and click on the “Disconnect” icon.

Once disconnected, any of the other users on the network can connect to the device.



Auto-Connect Printer

Auto-Connect is a feature for Multi-Function Printers in the utility that automatically connects and disconnects so the user doesn't need to manually do so. Follow the steps below to enable the Auto-Connect Printer feature for your Multi-Function Printer.

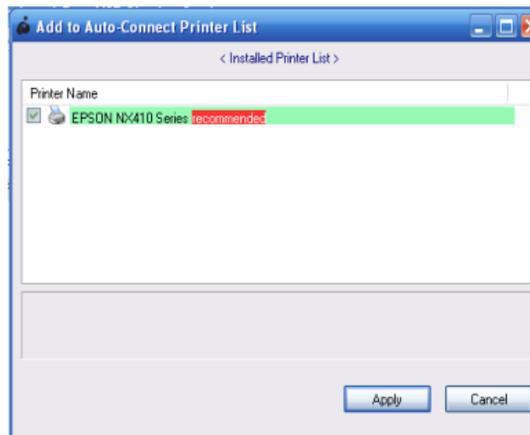
1. Open the USB Share Station Utility and click on the desired printer.



- Next, click on the “Auto-Connect Printer” icon and select “Set Auto-Connect Printer”.

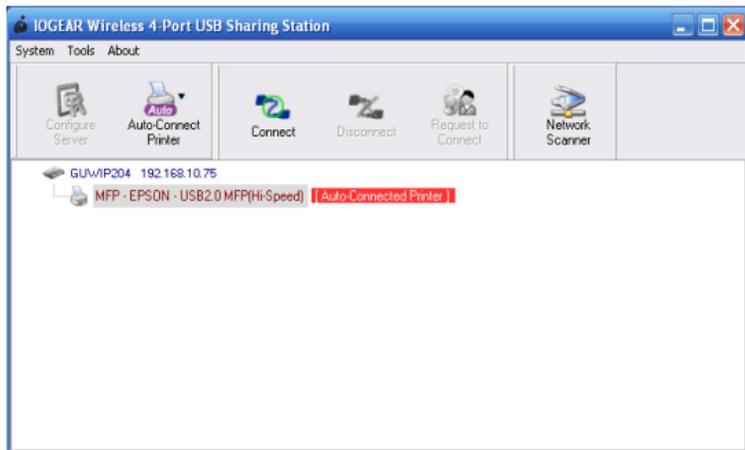


- Next, an “Installed Printer List” box will list the installed printers on your computer. Check the box next to the printer you wish to enable auto-connect and click “Apply”.



4. The printer should now show [Auto-Connected Printer]. If you send a print job you will notice the utility will automatically connect to the printer then disconnect.

Note: The utility must be running in the background in order for the Auto-Connect to function. The utility is configured to start when window starts by default

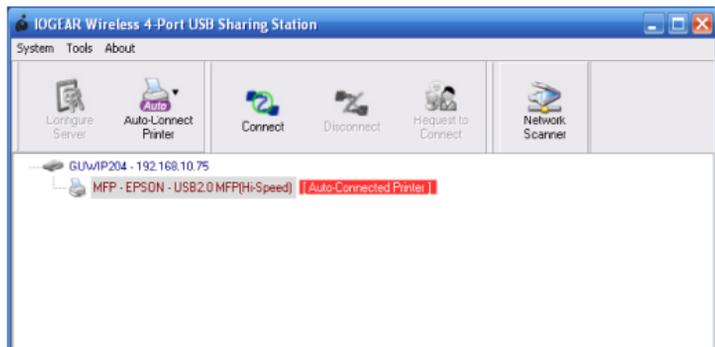


Network Scanner

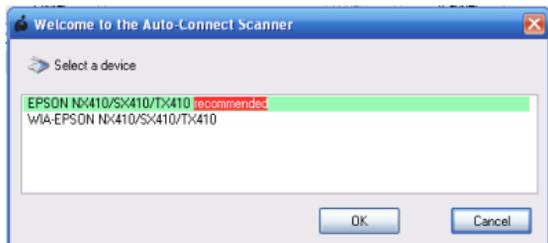
The GUWIP204 also allows you to use the Scanner function on your Multi-Function Printer. The following steps will show you how to use the Network Scanner feature in the utility.

NOTE: Make sure the drivers for the scanner are already installed on your computer for before connecting to it through the GUWIP204.

1. Open the USB Share Station Utility and click on the Multi-Function Printer. Next click on the “Network Scanner” icon.

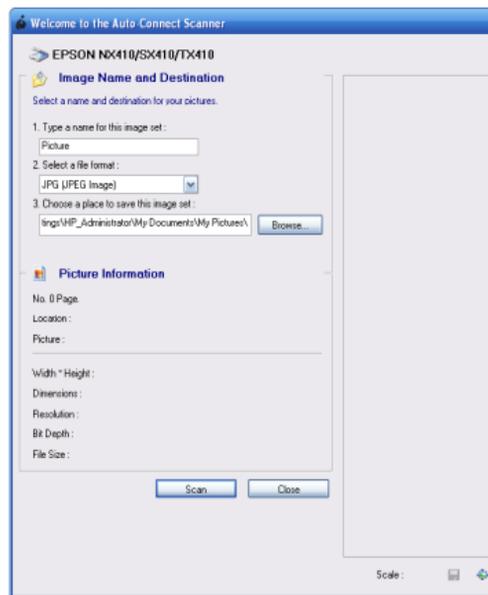


2. Next, select the scanner you want to connect to. If you see a TWIAN and WIA version of your scanner, select the recommended and click "OK".

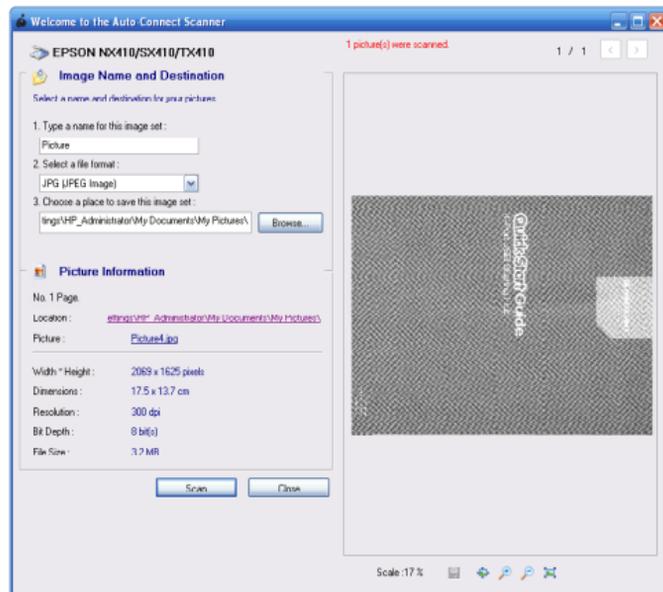


3. A “Welcome to the Auto-Connect Scanner” window will appear. Enter a name for the image, select the file format, and choose a place to save the image. Once completed, click the “Scan” button.

Clicking the Scan button will prompt the MFP Scanner software to start the scanning process.

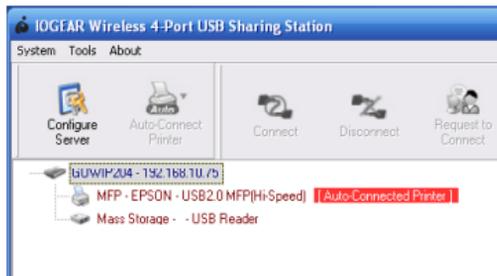


4. Once the scan is complete, the “Welcome to the Auto-Connect Scanner” window will appear. You should see a copy of your scan on the right. Your scan is now complete. Click the “Close” button at the bottom to close the window.



Firmware Upgrade

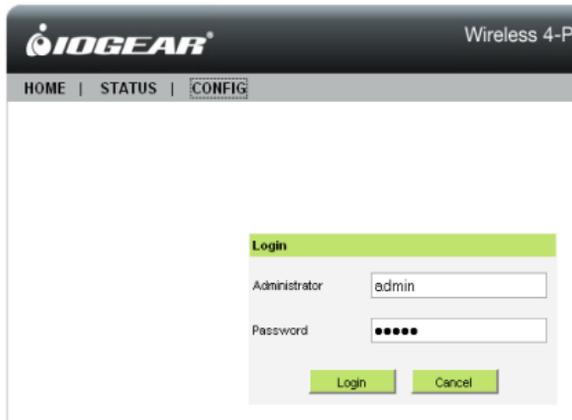
1. Run the IOGEAR 4-Port Wireless USB Sharing Station Control Center.
2. Select the server that you want to upgrade the firmware on. Next click on the “Configure Server” icon.



3. This will bring up the configuration page in your web browser. Click “Config”

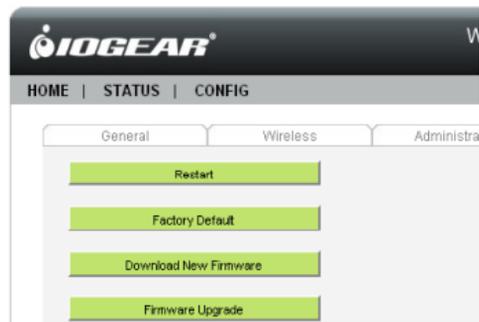


4. Enter the Administrator Username (default: admin) and Password (default: admin) to login.



The screenshot shows the IOGEAR Wireless 4-P login interface. At the top, there is a navigation bar with the IOGEAR logo on the left and "Wireless 4-P" on the right. Below the logo, there are links for "HOME", "STATUS", and "CONFIG". The "CONFIG" link is highlighted with a dashed border. The main content area features a "Login" section with a green header. It contains two input fields: "Administrator" with the text "admin" and "Password" with masked characters "•••••". Below the fields are two buttons: "Login" and "Cancel".

5. Click on the "Maintenance" tab at the top. Next click on "Download New Firmware". This will take you to the IOGEAR website. Here you can check to see if there is an upgraded firmware available. If there is, download it and make note of the files saved location.
6. Once you have downloaded the latest firmware, click on the "Firmware Upgrade" button.



The screenshot shows the IOGEAR Wireless 4-P maintenance page. At the top, there is a navigation bar with the IOGEAR logo on the left and "Wireless 4-P" on the right. Below the logo, there are links for "HOME", "STATUS", and "CONFIG". The "CONFIG" link is highlighted with a dashed border. The main content area features a "Maintenance" section with a green header. It contains three tabs: "General", "Wireless", and "Administra". The "Wireless" tab is selected. Below the tabs are four buttons: "Restart", "Factory Default", "Download New Firmware", and "Firmware Upgrade".

7. Click the “Browse” button and select the updated firmware file you just downloaded. Next, click the “Upload” button. A window will appear asking you to start upload now. Click “OK”.

8. This will start the firmware upgrade process. Do not turn off the unit at this time. Once the firmware upgrade is complete the device will reboot. This process could take a few minutes.



Troubleshooting

LED Indicators

Indicators	Behavior	Description
Power	On	Power on
	Off	Power off/System error
Link	On	Network connected
	Off	No physical connection to network
Status	Blinking	Activity on network
	Off	No activity on network
USB	On	USB device connected
	Blinking	Connected USB device error
	Off	No physical connection to USB device

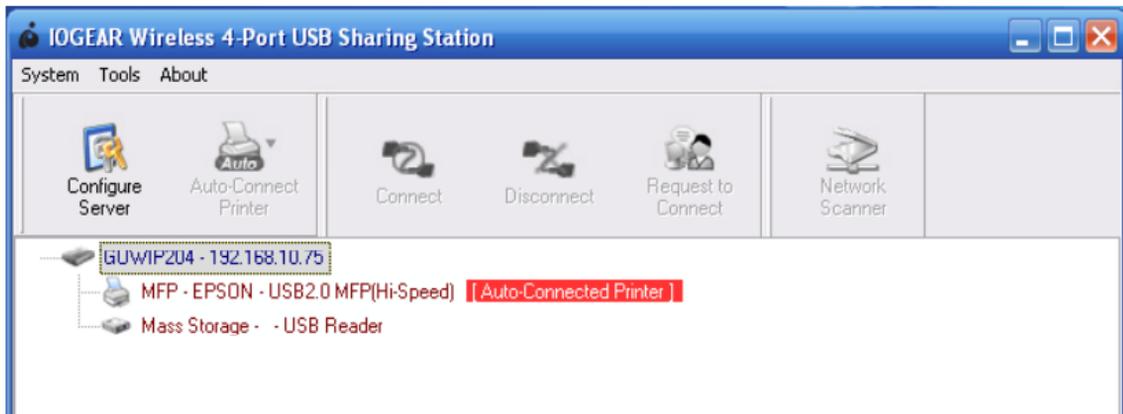


Firewall

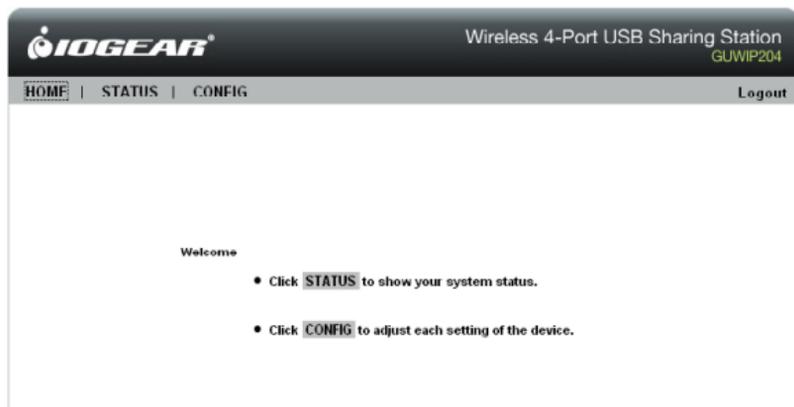
If a software firewall has been installed on your PC, it may block the communication between the PC and the GUWIP204. To solve this problem, either disable the firewall or configure the firewall to allow the TCP port 20005 and UDP port 7412.

Factory Default

1. Run the IOGEAR 4-Port Wireless USB Sharing Station Control Center.
2. Select the server that you want to reset to factory default settings. Next click on the “Configure Server” icon.



3. This will bring up the configuration page in your web browser. Click “Config”.



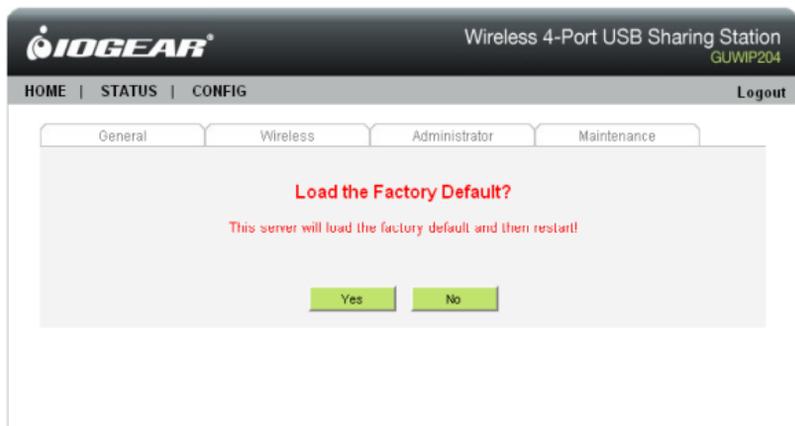
4. Enter the Administrator Username (default: admin) and Password (default: admin) to login.

The screenshot displays the web interface for the IOGEAR Wireless 4-Port USB Sharing Station (GUWIP204). The top navigation bar includes the IOGEAR logo, the product name, and the model number. The main menu has 'HOME', 'STATUS', and 'CONFIG' (which is highlighted with a dashed border), and a 'Logout' link. The central area contains a 'Login' form with a title bar, an 'Administrator' field with the text 'admin', a 'Password' field with six dots, and two buttons labeled 'Login' and 'Cancel'.

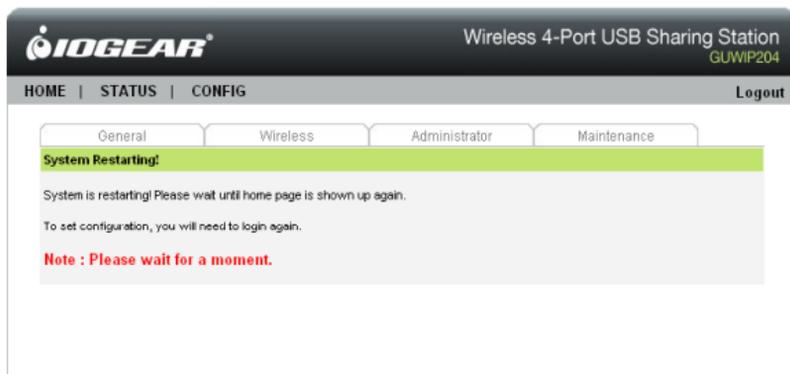
5. Click on the “Maintenance” tab at the top. Next click on “Factory Default”.



6. Next, you will be asked if you want to Load the Factory Default. Click “Yes”.



- The system will restart. Once it's complete, it will reset back to the home page. You will now need to reconfigure the GUWIP204 for your wireless network.



Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose. The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or updates. For further inquiries please contact IOGEAR.

Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential setting. This product generates, uses, and can radiate radio frequency energy and, if not installed and used as directed, it may cause harmful interference to radio communications. Although this product complies with the limits for a Class B digital device, there is no guarantee that interference will not occur in a particular installation.

CE Statement

This device has been tested and found to comply with the requirements set up in the council directive on the approximation of the law of member states relating to EMC Directive 89/336/EEC, Low Voltage Directive 73/23/EEC and R&TTE Directive 99/5/EC.

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FUN

IOGEAR offers connectivity solutions that are innovative, fun, and stylish, helping people enjoy daily life using our high technology products.



GREEN

IOGEAR is an environmentally conscious company that emphasizes the importance of conserving natural resources. The use of our technology solutions helps reduce electronic waste.