Johnson
Controls

IQWIFI

Dependable Wi-Fi coverage for home or business

Johnson Controls IQ Wi-Fi
Version 1.0.0

TABLE OF CONTENTS

IQ WIFI OVERVIEW

Johnson Controls

IQ WiFi

Power Supply

Ethernet Cable

Scan with IQ Panel
SSID: IQ WIFI 800062
Password: 1234DBC000012

QR code sticker

SUPPORT

?

QUESTIONS?

Contact us at
855-4QOLSYS
Or email us at
intrusion-
support@tycoint.com

ABOUT THIS GUIDE

This document outlines the basic hardware specifications and software directions to install and customize the IQ WiFi. Note that the information presented is not comprehensive, but is specifically dedicated to those menus, features, and systems accessible solely to those with the proper installation code. The information contained is confidential and proprietary, and is solely owned by Johnson Controls. Any reproduction, modification, or distribution without permission is strictly prohibited.

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FRONT

BACK

SIDE
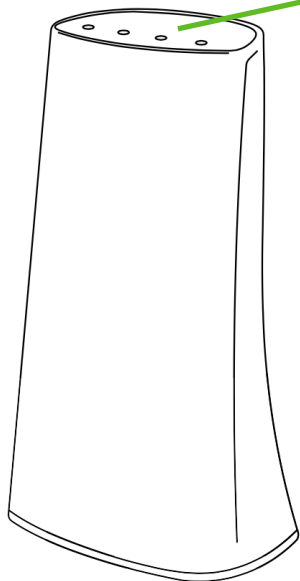
LED Status Lights

⚠ Error

((•)) Internet connected

Broadcasting wirelessly

⏻ Power on
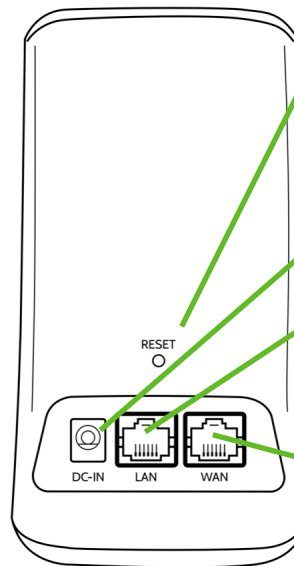
Reset Button
Short press: restart
Press/hold 15 sec:
Factory Default

DC-IN
Power Supply

LAN
Local Area Network
(Network out)

WAN
Wide Area Network
(Internet in)

RESET

DC-IN   LAN   WAN
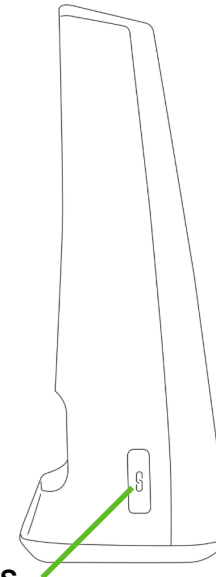
WPS
Once this button has been
pushed you have 2 minutes
to push the **WPS button** on
a corresponding Wi-Fi
device to connect it to the
network

Johnson Controls

The label on the bottom of IQ WiFi shows the device's MAC address and serial number.

The packaging also includes a QR code that can be scanned by a smartphone camera for easy setup

P/N: QW8200-840/IQ WI-FI
Model No: RP052M

Johnson Controls

S/N: XXXXCCCCC0000

MAC: 1XXXX222222XX

FCC ID: P27ARP052M   Polarity: ⊖─C─⊕
Input: 12V⎓1A   Made in Taiwan

FC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired opertion.

EXAMPLE

Scan with IQ Panel

SSID: IQ WIFI 800062
Password: 1234DBC000012

EXAMPLE

Label on the bottom of each unit

QR code included in the box

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You can set up the IQ WiFi in either of these ways:

As the only wireless network on the premises:

In parallel with an existing wireless network:

Great for:
-Improving connectivity for ALL Wi-Fi devices on the network
-Offering support for the entire network
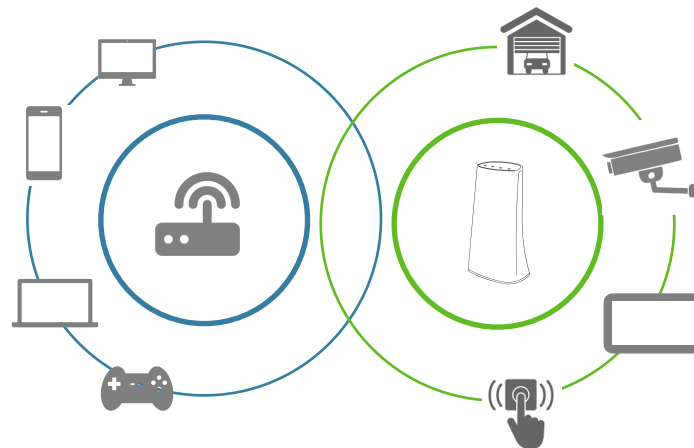
Great for:
-Keeping the security and smart-home devices private/hidden from the rest of the Wi-Fi connected devices on the network
-Making online/remote support easier as only known/authorized devices should be connected
-Ensuring better connectivity for dealer supported devices

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Agent 2

Agent 1

Controller
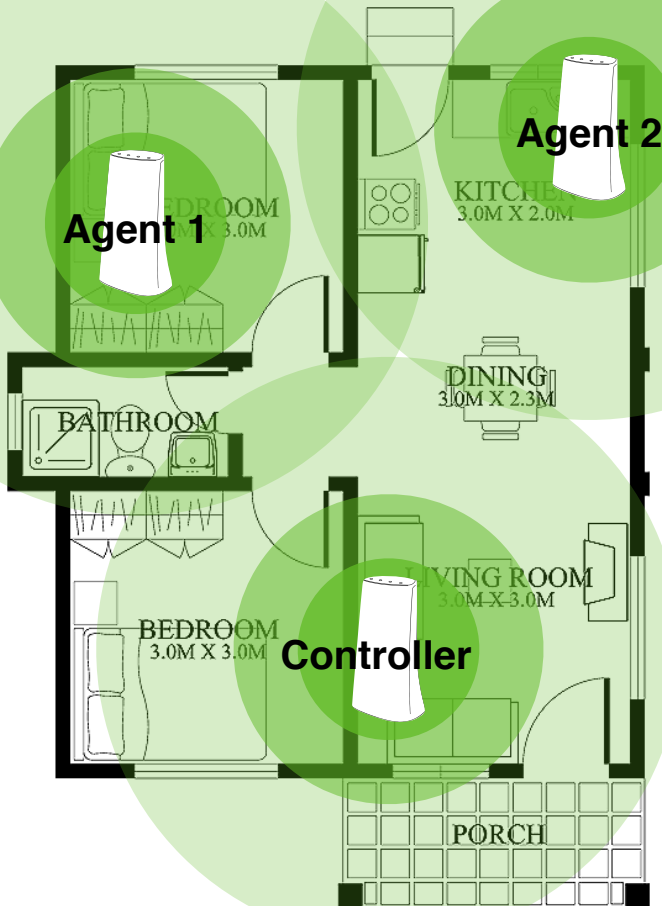
1 unit covers up to
1,500 sq ft

Add up to 8 units

If a single IQ WiFi does does not cover the location as desired, you can add up to eight (8) additional nodes to eliminate dead spots and boost overall network performance.*

*IQ WiFi will not increase the speed coming from the customer's ISP (Internet Service Provider) but can ensure the customer is getting the best coverage throughout their location. Please note that not all buildings are the same, and building materials, wireless interface, and other factors can limit Wi-Fi range.

INSTALLING THE IQ WIFI

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RESET

1

2

DC-IN LAN

3

MODEM*

4
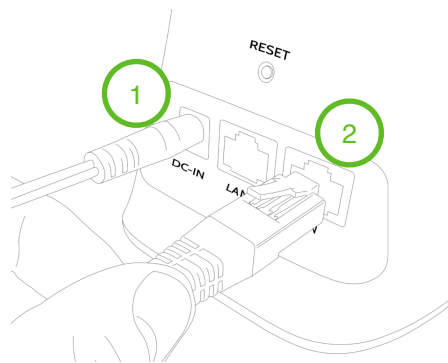
1. Plug the barrel jack end of the power supply into the "DC-IN" port

2. Connect the provided ethernet cable into the "WAN" port
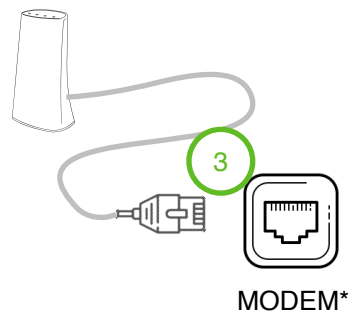
3. Connect the opposite end of the provided ethernet cable into the "ETHERNET" port on the modem*.
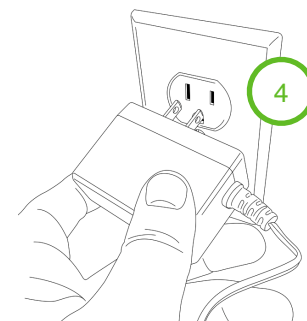
4. Plug in your power supply to the wall outlet. System may take up to 3 minutes to power up.

*Please note: If you are installing IQ WiFi to run in parallel to the customer's primary network, plug the ethernet cable into an available port on the customer's existing router. When connecting an ethernet cable to the WAN port of IQ WIFI that has internet connectivity IQ WIFI will default to Controller.

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You may choose to improve the WIFI network by adding additional "agents" to the network (up to 7). Agents must be within range of IQ WIFI in order to sync wirelessly.

1
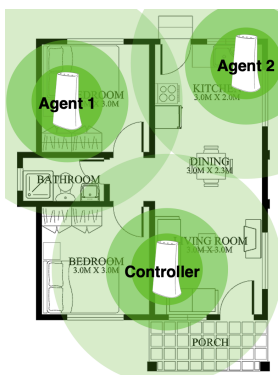
Example of where controllers and agents may be placed for best performance.

1. Place the Agents in optimal locations. Choose areas that may have poor coverage otherwise.

2
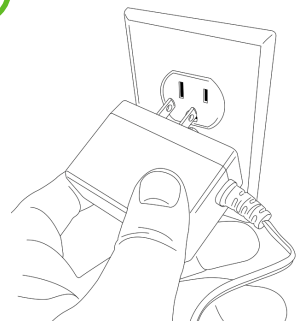
2. Connect both ends of the power supply to an available outlet.

3
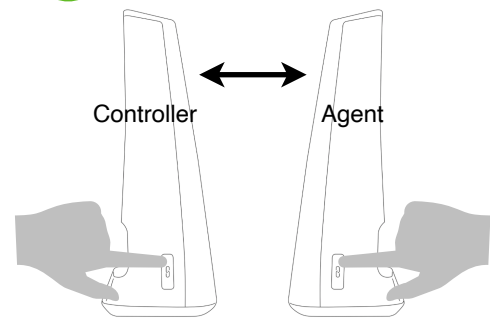
Controller   Agent

3. Enable WPS mode. Start by touching the WPS button on the Agent first.

*If Agents don't pair, try moving closer to the Controller. Wait about 5 minutes between adding each Agent.

SETTING UP THE NETWORK
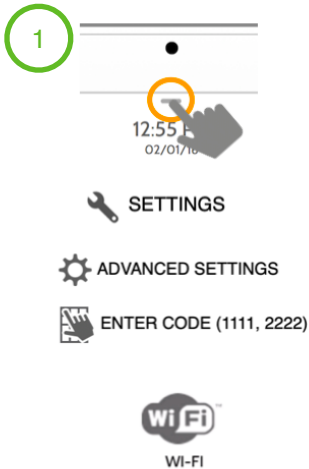
1. Connect IQ Panel to IQ WiFi.*(Open settings tray, touch settings, advanced settings, type valid code, choose WI-FI.)*

2. Look for the broadcasting SSID or network name of the WAN connected IQ WiFi. SSID will be IQ WiFi XXXXXX. Once located, touch the SSID or Network Name. This first WAN connected IQ WiFi will become your controller.
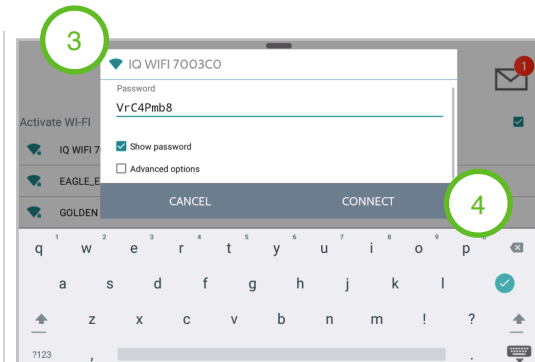
3. Enter password printed on sticker or bottom of router.

4. Touch connect

*Please note: Once IQ Panel or IQ Remote have connected to IQ WiFi, IQ Panel and IQ Remote will move to a hidden security SSID or Network Name.

SOFTWARE UPDATES

After the initial setup, update you're IQ WIFI to the latest version of firmware and validate that the IQ WIFI mesh is on the same version of firmware
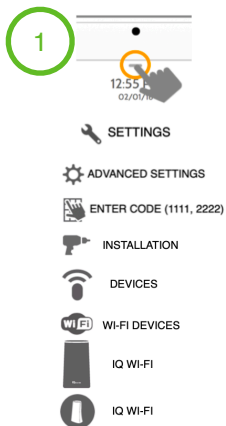
1

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WI-FI

IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI, IQ WI-FI

2

IQ Wi-Fi

Controller-800057
Driver Version
1.0.0rc1   Agent-FAMILY Agent-BASEMENT

8   1   2   1
DEVICES   DEVICES   DEVICES   DEVICES

CHECK FOR UPDATE   REBOOT ALL

You have the latest version of the firmware for IQ Wi-Fi | If you are having problems, or speed is slower than expected. Reboot All.
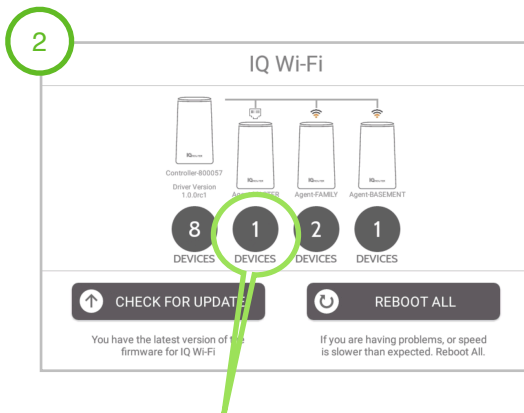
Touch agent **DEVICES** icon to verify the version of firmware on each added agent.

Touch the **CHECK FOR UPDATE** icon to update the entire IQ WIFI mesh.

3

Agent-FAMILY (2)

Agent-FAMILY
WiFi Point (2) - Firmware 1.0.0rc1   REBOOT ALL

Custom   Agent-FAMILY
SP_DF03C2   2.4GHz

Custom   Agent-FAMILY
Unknown   2.4GHz

Current agent firmware

Note: If adding an additional agent to a preexisting IQ WIFI to improve wireless performance validate that the firmware on the IQ WIFI mesh is the same and if it is not, update.

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1

12:55
02/01/18

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI

2

WI-FI

2.4GHz
Eagle_Eye 2.4 – WiFi Network Name (SSID)
c4c4c4c4 – Password (Network Key)

5GHz
Eagle_Eye 5 – WiFi Network Name (SSID)
c4c4c4c4 – Password (Network Key)

Activate WPS

Enable Guest Network
Guest Network is Disabled

Guest Network 2.4GHz
Guest 800059 – WiFi Network Name (SSID)
1912DBC000030 – Password (Network Key)

Guest Network 5GHz
Guest 5GHz 800059 – WiFi Network Name (SSID)
1912DBC000030 – Password (Network Key)

Installer Settings

Unpair IQ Wi-Fi
Forget IQ Wi-Fi network and clear all stored devices and configurations

Touch the down arrows to make edits to the Network Names (SSIDs)

3

5:36 PM
Jan 28 2021

Network Name (SSID) Eagle_Eye 2.4

Password c4c4c4c4

Security Method WPA2 PSK

Show Wi-Fi Via QR Code SHOW

Hidden ☐

SAVE

IQ ROUTER
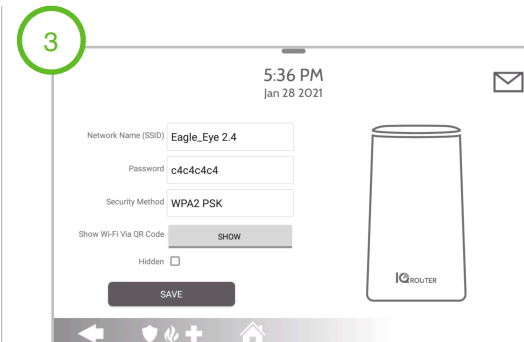
Enter in a unique **Network Name (SSID)** of your choice.

Enter a password that you can remember.

This information will be needed to connect to the IQ WIF from any other wireless device.

A Hidden option is disabled by default. *(Checking this box will hide the Network Name (SSID) but still allow connectivity)*

Note: By default the IQ WIFI will broadcast two visible Network Names (SSID) for 2.4GHz and 5GHz and two hidden Network Names (SSID) for Security 2.4GHz or 5GHz XXXXXX. With the hidden security SSID feature designed to push IQ Panel and IQ Remote to once SSID has been updated no need to reconnect IQ devices. Password must be between 8 and 64 characters, and SSID cannot contain any of the following characters: &()l<>\;' or the space characters.

By default the Guest Network is disabled by default. To enable follow these steps

1

12:55
02/01/18

SETTINGS

ADVANCED SETTINGS

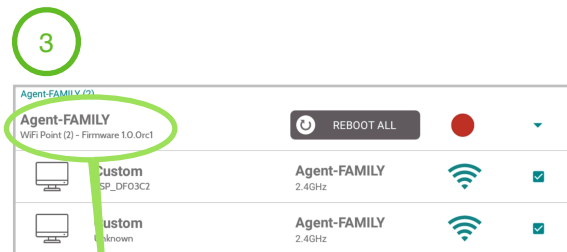ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI
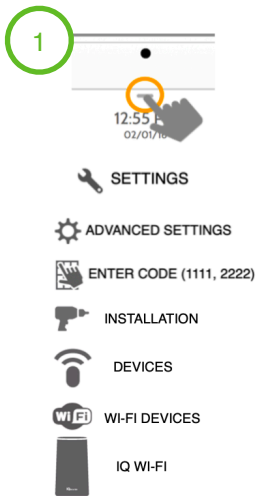
2

WI-FI

2.4GHz
Eagle_Eye 2.4 – WiFi Network Name (SSID)
c4c4c4c4 – Password (Network Key)

5GHz
Eagle_Eye 5 – WiFi Network Name (SSID)
c4c4c4c4 – Password (Network Key)

Activate WPS

Enable Guest Network
Guest Network is Disabled

Guest Network 2.4GHz
Guest 800059 – WiFi Network Name (SSID)
1912DBC000030 – Password (Network Key)

Guest Network 5GHz
Guest 5GHz 800059 – WiFi Network Name (SSID)
1912DBC000030 – Password (Network Key)

Installer Settings

Unpair IQ Wi-Fi
Forget IQ Wi-Fi network and clear all stored devices and configurations

Scroll down to the Enable Guest Network

3

Enable Guest Network ☑
Guest Network is Enabled

Guest Network 2.4GHz
Guest 800092 – WiFi Network Name (SSID)
1912DBC000049 – Password (Network Key)

Guest Network 5GHz
Guest 5GHz 800092 – WiFi Network Name (SSID)
1912DBC000049 – Password (Network Key)

Touch the down arrows to make edits to the 2.4/5GHz Guest Network Name (SSID)

4

10:35 AM
Feb 01 2021

Network Name (SSID) Guest 800092
Password 1912DBC000049
Security Method WPA2 PSK
Show Wi-Fi Via QR Code SHOW
Hidden ☐
SAVE

IQ ROUTER

Enter a unique Network Name (SSID)

Password must be between 8 and 64 characters, and SSID cannot contain any of the following characters: &()|<>\;' or the space characters.
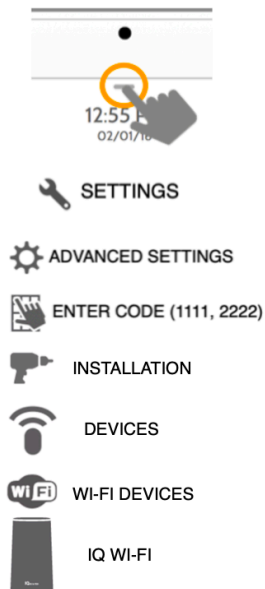
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1

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI

2

INTERNET

Touch the **INTERNET** icon

3

Speed Test

INTERNET

Download — Upload — Ping

115.02 Mbps — 5.94 Mbps — 25.281 ms

Taken on Jan 28, 2021 at 3:19:41 PM

TEST MY SPEED

Touch the **TEST MY SPEED** button

If you are having problems, or speed is slower than expected, reboot your IQ WIFI Mesh

1

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI

2

IQ WI-FI   WIFI POINTS (3)

Touch either the **IQ WI-FI** or **WIFI POINTS** icon

3

IQ Wi-Fi

Controller-800057
Driver Version
1.0.0rc1   Agent-MASTER   Agent-FAMILY   Agent-BASEMENT

8 DEVICES   1 DEVICES   2 DEVICES   1 DEVICES

↑ CHECK FOR UPDATE   ↻ REBOOT ALL

You have the latest version of the firmware for IQ Wi-Fi   If you are having problems, or speed is slower than expected. Reboot All.
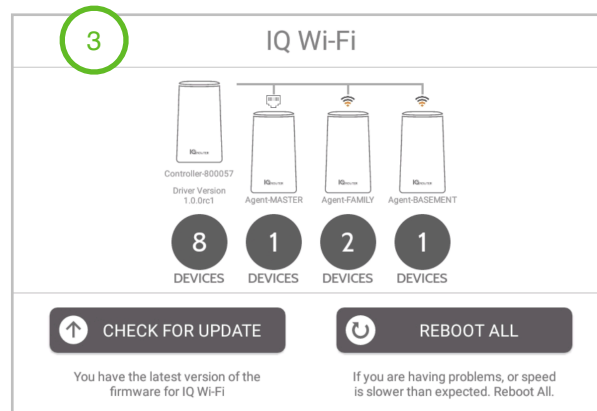
Touch the **REBOOT ALL** button

IQ WiFi will not increase the speed coming from the customer's ISP (Internet Service Provider) but can ensure the customer is getting the best coverage throughout their location. Please note that not all buildings are the same, and building materials, wireless interface, and other factors can limit Wi-Fi range.

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1

12:55
02/01/16

🔧 SETTINGS

⚙ ADVANCED SETTINGS

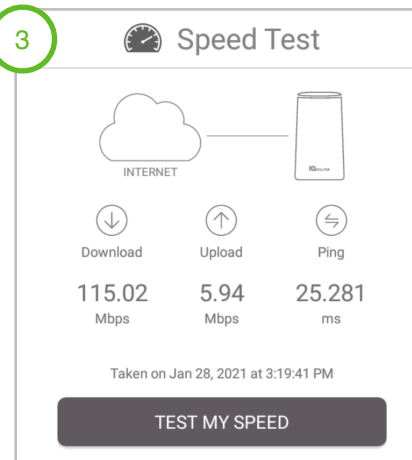✍ ENTER CODE (1111, 2222)

🔨 INSTALLATION

📡 DEVICES

📶 WI-FI DEVICES

📱 IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI, IQ WI-FI

2

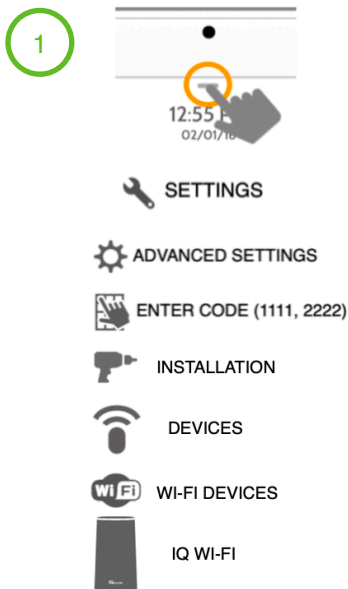IQ WI-FI   WIFI POINTS (3)

Touch either the **IQ WI-FI** or **WIFI POINTS** icon

3

IQ Wi-Fi

Controller-800057
Driver Version
1.0.0rc1   Agent-MASTER   Agent-FAMILY   Agent-BASEMENT

8   1   2   1
DEVICES   DEVICES   DEVICES   DEVICES

⬆ CHECK FOR UPDATE   ⟳ REBOOT ALL

You have the latest version of the   If you are having problems, or speed
firmware for IQ Wi-Fi   is slower than expected. Reboot All.

Touch agent **DEVICES** icon on the Controller or Agent you wish to rename.

3

Agent-FAMILY (2)

Agent-FAMILY
WiFi Point (2) – Firmware 1.0.0rc1   ⟳ REBOOT ALL   🔴   ▼

🖥 Custom   Agent-FAMILY   📶   ☑
    ESP_DF03C2   2.4GHz

🖥 Custom   Agent-FAMILY   📶   ☑
    Unknown   2.4GHz

Touch the down arrow

4

🔻 WIFI POINT (0) NAME

Controller-800090

CANCEL   OK

Type in a unique controller or agent name.

*When renaming a controller or agent, please note that the unique name entered can't have any spaces.
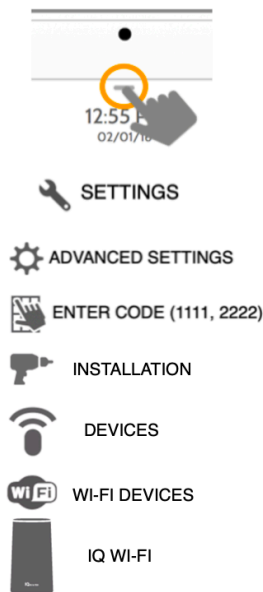
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1

12:55
02/01/18

SETTINGS

ADVANCED SETTINGS

ENTER CODE (1111, 2222)

INSTALLATION

DEVICES

WI-FI DEVICES

IQ WI-FI

Open settings tray, touch settings, advanced settings, type valid code, touch installation, devices, WI-FI devices, IQ WI-FI

2

4
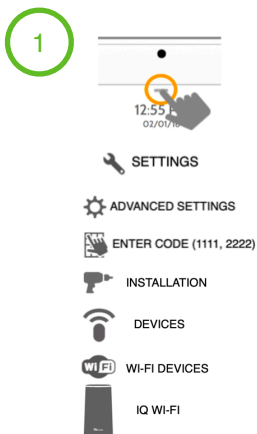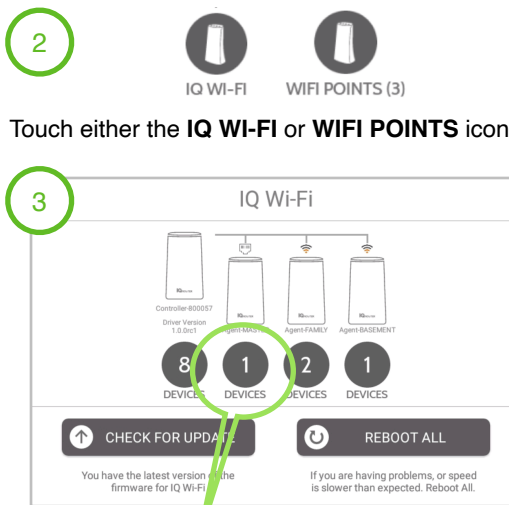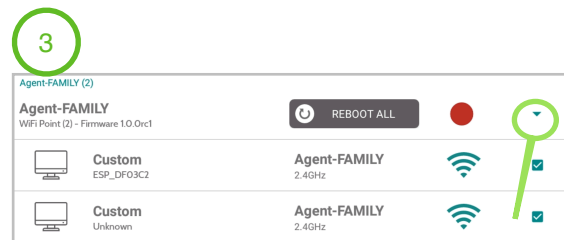
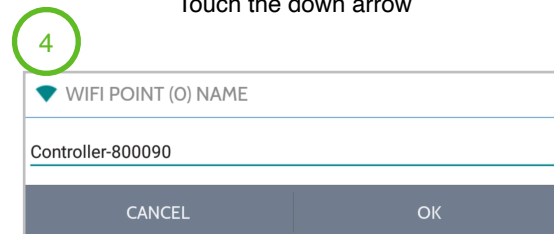**DEVICES**

Touch the **DEVICES** icon

3

12:49 PM
Feb 01 2021

26

Wi-Fi Devices (1)

Custom
Nates-iPhone
Controller-800090
5GHz

Ethernet Devices (1)

Custom
Nates-MBP
Controller-800090
ethernet

Security Devices (2)

Custom
android-2ea0f6dee24fca70
Controller-800090
5GHz

IQ Remote
IQ Remote 1
Controller-800090
2.4GHz
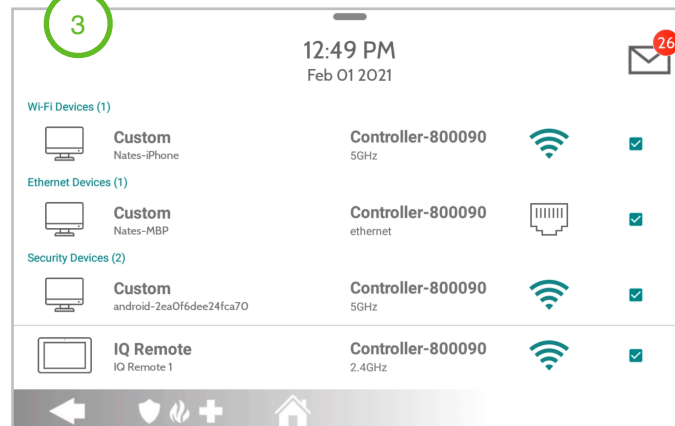
Note: When viewing connected devices, you can manage internet connectivity by unchecking (not internet) the checkbox of a connected device.

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MANAGING IQ WIFI FROM WEB INTERFACE

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After all the physical connections are made (see steps 1-4 on page 10), the back-haul mesh activation can be enabled through the web interface, without accessing the IQ Panel settings.

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required
Please enter your username and password.

Username	admin
Password	

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:
Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **WIFI MESH**

4

Wifi Mesh

Basic

Device Role	Controller ⇕
EasyMesh On-board	Connect a New Mesh Device (Wifi will select the back-haul band automatically)
Optimize Mesh Network	Optimize Mesh Network (It will take a few minutes)
Runtime Topology	Display Mesh Network Map

Touch the **Connect a New Mesh Device** to trigger WiFi back-haul band automatically.

5
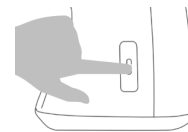
Within 2 minutes press the WPS button on an additional IQ WIFI.
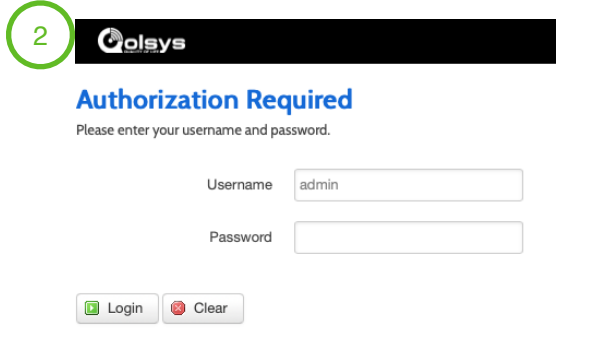
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A software update can be done manually after downloading an updated version of firmware from the dealer site.

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required
Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

3

SYSTEM
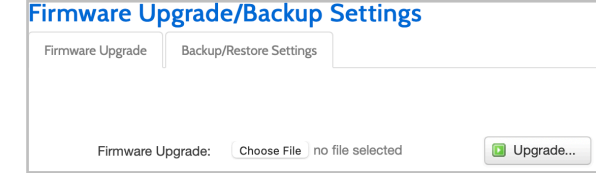
CHANGE PASSWORD

FIRMWARE UPGRADE / BACKUP SETTINGS

REBOOT
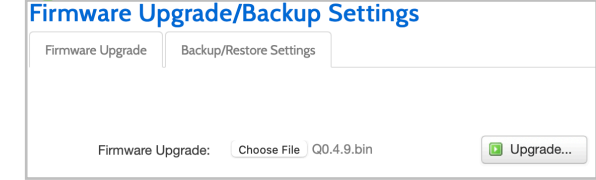
Navigate to **SYSTEM** tab, and down to **FIRMWARE UPGRADE / BACKUP SETTINGS**

4

Firmware Upgrade/Backup Settings

Firmware Upgrade   Backup/Restore Settings

Firmware Upgrade: Choose File   no file selected   Upgrade...

Touch the **Choose File** icon find the downloaded file located on your computer.

5

Firmware Upgrade/Backup Settings

Firmware Upgrade   Backup/Restore Settings

Firmware Upgrade: Choose File   Q0.4.9.bin   Upgrade...

Press **Upgrade** icon once the updated file has been selected.

Note: Once a software update has been kicked off, could take as long as 20 minutes plus the time to reboot. LEDs on the IQ WIFI will flash indicating it is updating.

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Controls

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **WIFI MESH**

4

Name	EAGLE_EYE 2.4	
Security Mode	WPA2 - Personal	Edit
Password	c4c4c4c4	
Hidden	Disabled	

Scroll down the page to locate the WiFi SSID Settings. Press the **Edit** button to make changes from the default settings.

5

Edit Primary Network(2.4G Hz)

Name	EAGLE_EYE 2.4
Security Mode	WPA2 - Personal
Password (8-64 characters)	c4c4c4c4
Hidden	

Enter a unique Network Name (SSID) and password.

Note: Once you have touched the save and apply to the Network Name (SSID) you will need to reconnect to the new unique Network Name (SSID) with the updated password.

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1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password: [   ]

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:
Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **WIFI MESH**

4

Enable Guest Network(2.4G Hz)

Scroll down to WiFi Settings, and touch the **Enable Guest Network (2.4GHz or 5GHz)**

5

Name	Guest 8OOO92	
Security Mode	WPA2 – Personal	Edit
Password	1912DBC000049	
Hidden	Enabled	

Touch the **Edit** icon and create a unique Network Name (SSID) and password.

Johnson Controls

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password: [ ]

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

3

Wifi Mesh Device

Warning: There are unsaved changes that will be lost while rebooting!

Name	Role
Controller-800057OFFICE	Controller
Agent-800048BASEMENT	Agent
Agent-80008AMASTER	Agent
Agent-80003EFAMILYCOL	Agent

Scroll down on the home page to locate the **WiFi Mesh Device** section and in the **Name** view, enter a unique controller or agent names

4

Save and Apply   Clear

Touch the Save and Apply

Note: Controller and agent unique names can't support spaces

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required
Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:
Username: admin
Password: XXXXDBC0000XX
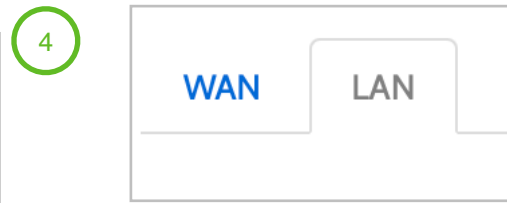
3

NETWORK

WIFI MESH
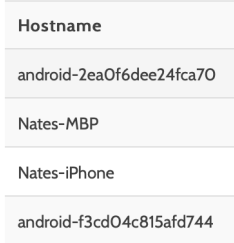
ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **ADVANCED**
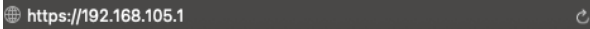
4

WAN   LAN

Navigate to LAN (Local Area Network)

5

Connected Device

Hostname

android-2ea0f6dee24fca70

Nates-MBP

Nates-iPhone

android-f3cd04c815afd744

Scroll down to **Connected Devices** to view Hostname, IPv4 -Address, Leasetime remaining, Interface, RSSI, Uplink node, and SSID

WAN SETTINGS

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required
Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **ADVANCED**

4

WAN   LAN
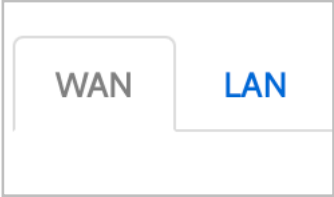
Navigate to WAN (Wide Area Network)

5

Internet   LAN

Status
Uptime: 6d 0h 52m 58s
MAC-Address: 3C:31:78:8O:OO:91
RX: 86.32 MB (4533194 Pkts.)
TX: 275.56 MB (1235939 Pkts.)
IPv4: 192.168.1.66/24

Connection Type
Static address
✓ DHCP client
PPPoE

Scroll down and click on **Connection Type** to select the proper ISP

PPPoE is a **connection** protocol (mainly for xDSL **connections**). Using that protocol a PC can **connect** to a network **and** receive an IP. PPPoE is a way to encapsulate network traffic, based on credentialed access (i.e. username and password provided from an ISP).

Static IP means that regardless of the **connection method**/request the same Network Interface Card (PC) will be issued one, pre-defined IP that will never change.

DHCP is a way for a network to allocate unique IP addresses to the devices (i.e. computers and smartphones, etc.) within it so that traffic can be delivered back-n-forth without confusion.

Johnson Controls

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **ADVANCED**

4

WAN   LAN

Navigate to LAN (Local Area Network)

5

Connection Type	Static address
Really switch protocol?	Switch protocol
IPv4 address	192.168.105.1
IPv4 netmask	255.255.255.0

After chainging LAN IP (it may take about 2 ~ 3 minutes),
please reconnect LAN client devices (e.g. NB, mobile phone) and access to Web GUI with new IP.

Scroll down to **IPv4 address** to change the gateway (router) address.

Johnson Controls

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:
Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab and select **ADVANCED**

4

WAN   LAN

Navigate to LAN (Local Area Network)

5

DHCP Server

Starting IP Address   100

Number of IP Address   150

Scroll down to **DHCP Server** to change the DHCP settings.

Note: DHCP server default settings support up to 150 addresses beginning at 192.168.105.100 through 192.168.105.250

DHCP RESERVATION

Johnson Controls

1

https://192.168.105.1

From Chrome go to 192.168.105.1

2

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

3

NETWORK

WIFI MESH

ADVANCED

STATIC LEASES

PORT FORWARDING

Navigate to **NETWORK** tab & **STATIC LEASES**

4

Hostname

AppleTV
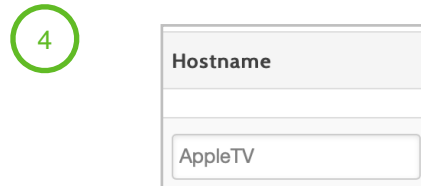
Enter a **Hostname** for the connected device

5

MAC-Address

3c:31:78:2c:f5:7b (192.168.105.209)
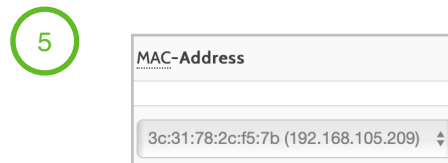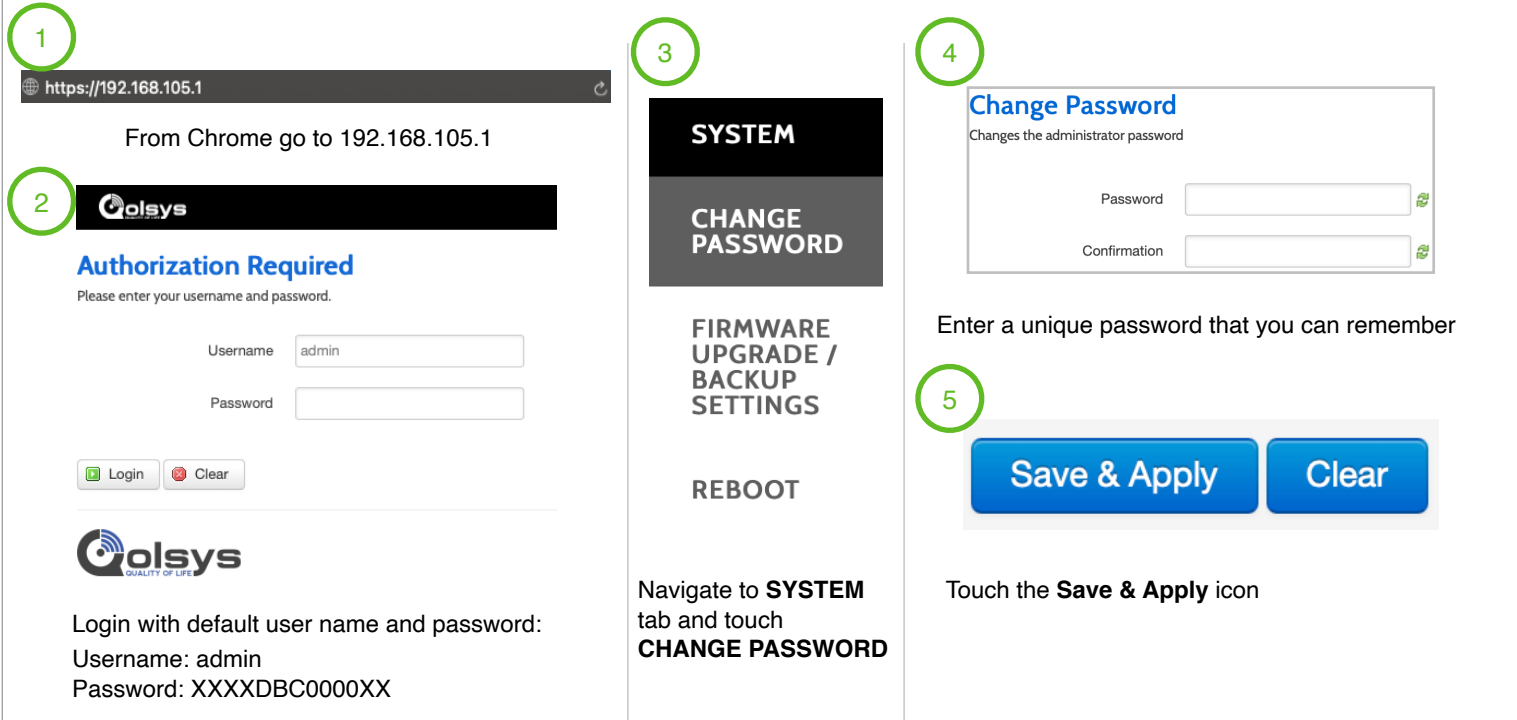
Use the dropdown to select the **MAC-Address** of the connected device.

6

IPv4-Address

192.168.105.209
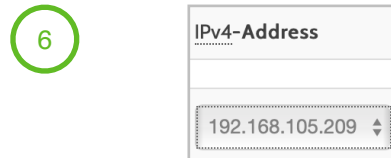
Use the dropdown to select the **IPv4-Address** and touch **Save & Apply**.

*Note: **DHCP** Servers support something called a "**DHCP Reservation**", which essentially allows you to provide a pre-set IP **address** to a specific client based on it's physical **MAC address**. This means that the device will always get the same IP **address** and it will never change.*

Johnson Controls

(1)

https://192.168.105.1

From Chrome go to 192.168.105.1

(2)

Qolsys

Authorization Required

Please enter your username and password.

Username: admin

Password:

Login   Clear

Qolsys
QUALITY OF LIFE

Login with default user name and password:

Username: admin
Password: XXXXDBC0000XX

(3)

SYSTEM

CHANGE PASSWORD

FIRMWARE UPGRADE / BACKUP SETTINGS

REBOOT

Navigate to **SYSTEM** tab and touch **CHANGE PASSWORD**

(4)

Change Password

Changes the administrator password

Password:

Confirmation:

Enter a unique password that you can remember

(5)

Save & Apply   Clear

Touch the **Save & Apply** icon

Note: Default username is admin and default password is the serial number printed on the bottom of IQ WIFI.

CONNECTING TO THE NETWORK

Wired Connection:
- Connect your laptop to the IQ WiFi via the LAN port on the back of the controller or agent LAN port.
- Open up a web browser (chrome recommended) and type in the following:
  - \\192.168.105.1 (default gateway address)

```
P/N: QW8200-840/IQ WI-FI
Model No: RP052M

S/N:  XXXXCCCCC0000

MAC:  1XXXX222222XX

FCC ID: P27ARP052M    Polarity: ⊖–C–⊕
Input: 12V⎓1A        Made in Taiwan

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two
conditions: (1) this device may not cause harmful interference, and (2) this device must accept any
interference received, including interference that may cause undesired opertion.
```
EXAMPLE

Wireless Connection:
- The default SSID is "IQ WIFI XXXXXX" and "IQ WIFI XXXXXX 5G". (XXXXXX is the last 6 digits of the MAC address of the IQ WIFI)
- Using the QR code sticker you can auto connect to the default Network Name (SSID)
- WPS mode is also supported for wireless connection.

Default User Name:
- admin

Default Password:
- The S/N number printed not he bottom of the IQ WiFi is the default password. Note: Passwords are case sensitive

Scan with IQ Panel

SSID: IQ WIFI 800062
Password: 1234DBC000012

EXAMPLE

TROUBLESHOOTING

SEQUENCE TO RESTART YOUR NETWORK

Johnson Controls

REBOOTING SEQUENCE
1. Unplug modem - power up modem
2. Unplug IQ WIFI - power up IQ WIFI
3. (If applicable) Unplug network switch - power up network switch
4. Unplug agents - power up agents

Router

Modem

Network
Switch

Wireless agent   Wireless agent

Wireless agent   Wireless agent

Wired agent   Wireless agent   Wireless agent
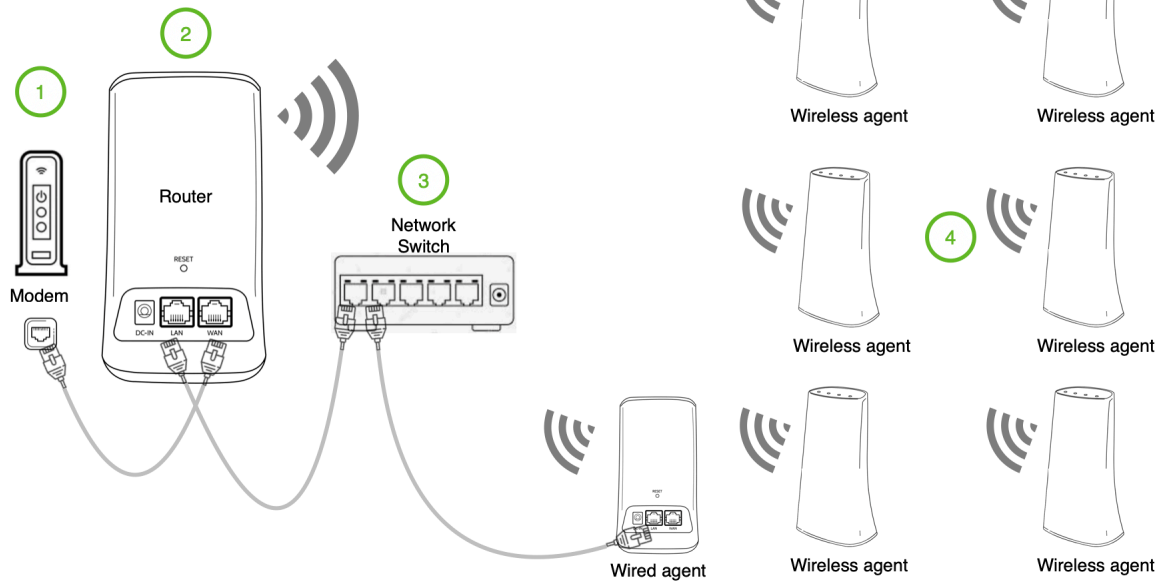
If you are experiencing difficulty syncing the controller and the agent, we recommend that you move the agent into the same room as the controller during the sync. Then move the agent to a different location.
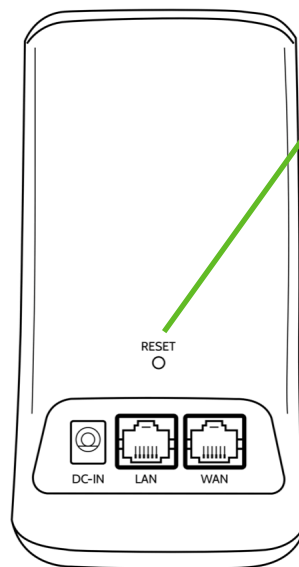
To sync the controller and the agent (see page 14):

1. Place the agent in the same room as the IQ WIFI. Use this agent location only during the sync process.

2. Connect the agent to a power source.

3. Wait for the agent power LED to light solid GREEN.

4. Press the WPS button on the controller and then within two minutes, press the WPS button on the agent.

5. Wait for the agent internet LED to light solid GREEN. The agent WiFi LED will slowly blink GREEN when communicating.

6. Move the agent to a new location and connect the agent to a power source.

7. At the new location, check the agent power LED and make sure it is solid GREEN.
   If the agent error LED lights up RED, make sure you are within range and try again.
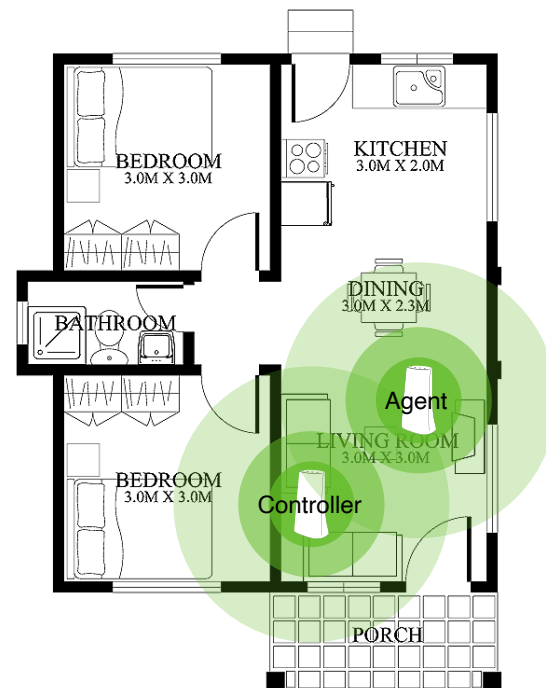
Make sure that your computer or IQ Panel is connected to the IQ WiFi network. If you do not want to use a WiFi connection, you can connect your computer to the IQ WIFI with an Ethernet cable.

If you changed the admin password and you forgot what it is, reset the IQ WIFI back to factory default settings.

Reset Button
Short press: restart
Press/hold 15 sec:
Factory Default

RESET
○

DC-IN   LAN   WAN
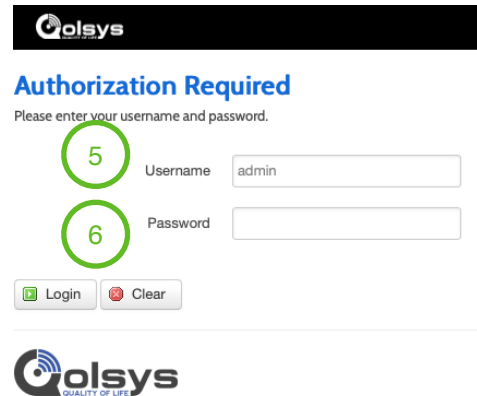
Johnson Controls

Check your network and Internet connections:

1. Make sure that your WiFi-enabled computer or IQ Panel is connected to the IQ network.
2. If you are connected to the IQ network but can not access the Internet, check to see if your Internet connection is working.
3. Launch a web browser from a computer or WiFi device that is connected to the network.
4. Enter the DEFAULT GATEWAY ADDRESS 192.168.105.1, A login window opens.
5. Enter the IQ WIFI admin username and password. The user name is **admin**.
6. The default password is the S/N printed on the bottom label of the Controller. The user name and password are case-sensitive.
7. The Home Screen is displayed

④

🌐 **https://192.168.105.1**   ↻

From Chrome go to 192.168.105.1

Qolsys

Authorization Required

Please enter your username and password.

⑤   Username   admin

⑥   Password   [   ]

▶ Login   ⊗ Clear

Qolsys
QUALITY OF LIFE

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8. From the web interface Click NETWORK > ADVANCED tab.
   The ADVANCED Home page displays.
9. Check that an IP address is shown for the WAN Internet IPv4 section.
10. If 0.0.0.0 is shown, your IQ WIFI did not obtain an IP address from your Internet service provider (ISP) or from the customers existing network.

If your IQ WIFI cannot obtain an IP address from the WAN, you can force your cable or DSL modem to recognize your new IQ WIFI by restarting your network. For more information, see Sequence to restart your network on page 41.

If your IQ WIFI is still unable to obtain an IP address from the ISP, the problem might be one of the following:

*   Your Internet service provider (ISP) might require a login program. Ask your ISP whether they require PPP over Ethernet (PPPoE) or some other type of login.
*   If your ISP requires a login, the login name and password might be set incorrectly.
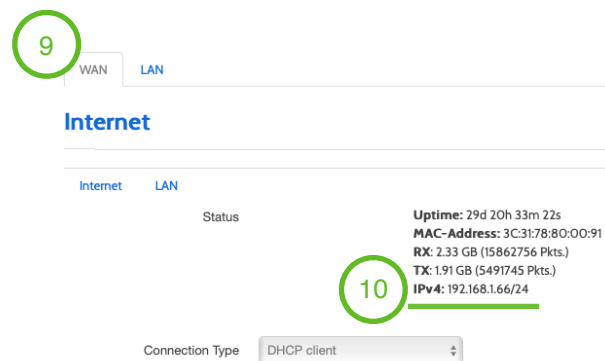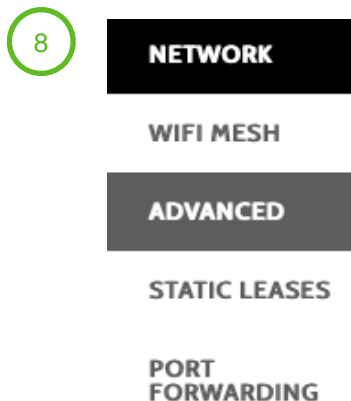
SPECIFICATIONS

Part	Description
Process and Memory	SSoC: MT7621DA (MIPS1004Kc dual-core 880MHz, SPI NOR Flash 64MB) Memory: 128MB DDR3 embedded
Connectors	1 DC Power Jack 2 RJ-45 Connectors
LED and Button	LEDs: 4 Single Color LED Buttons: 1 WPS Button on the side 1 Reset button on the back
Antenna	4 Wi-Fi internal antennas
Power Adapter	Input: 100-240VAC, 50-60Hz, 0.3A Max Output: 12 VDC, 1A
Compliance	FCC
Dimensions (H x W x D)	150mm x 89mm x 57.2mm
Weight	172g
Operating Temperature	0°C - 40°C (32°F - 104°F)
Operating Humidity	10% - 90% RH (non-condensing)
Storage Temperature	-20°C -60°C (-4°F - 140°F)
Storage Humidity	5% - 95% RH (non-condensing)

Network and Software	Notes
Ethernet	LAN and WAN Gigabit Ethernet Ports
Wireless	IEEE 802.11 b/g/n 2.4GHz IEEE 802.11 a/n/ac 5GHz
DHCP	Server, Client
Protocols	IPv4 and IPv6
Guest Network	2.4GHz/5GHz
WiFi EasyMesh Standard	Supported
Ethernet On-Boarding	Supported
Topology Dump	Supported
OTA	Supported
Application	OpenWRT Web GUI Configuration

Johnson Controls

Document#: IQP2-IM-8-20
Revision Date: 12-16-2020
Software version: 2.5.0