

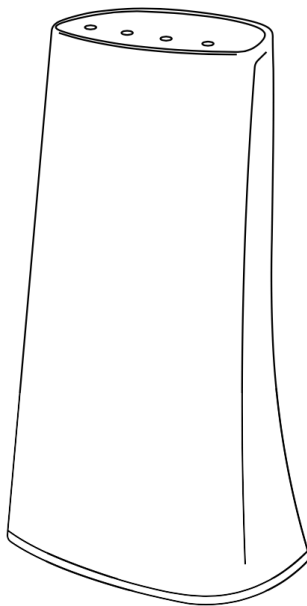
# IQ WIFI QUICK INSTALL GUIDE

## FEATURES & OVERVIEW

The IQ WiFi is a mesh capable router that covers every corner of every room with safe, seamless WiFi.

### Features:

- WiFi mesh prioritizes ethernet backhaul (wired connection) then shared wireless backhaul (if wired connection isn't available)
- Stand alone or parallel configuration supported
- Web interface or IQ Panel configurable
- WiFi version 5
- Supports Dual-band 2.4G/5G
- Supports 7 additional Agents (1 Controller)



## SPECIFICATIONS

SKU: QW8200-840

Dimensions: 150mm x 89 mm x 57.2 mm

Weight: 172g

Usage: For Indoor use only

Compliance: FCC

Process and Memory: SSoC: MT7621DA  
(MIPS1004Kc dual-core 880MHz, SPI NOR Flash 64MB)

Memory: 128MB DDR3 embedded

Operating Temperature: 0°C - 40°C (32°F - 104°F)

Relative Humidity: 10% - 90% RH (non-condensing)

Operating Distance: Up to 130ft

Frequency Type:

Wireless IEEE 802.11 b/g/n 2.4GHz

IEEE 802.11 a/n/ac 5GHz

Wired Type:

LAN and WAN Gigabit Ethernet Ports

LED Indicator: 2 color LED (Green and Red)

Power Supply:

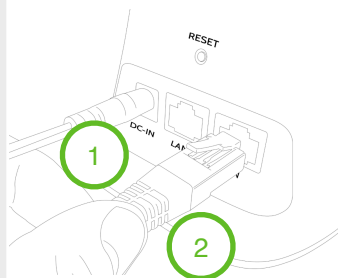
Input: 100-240VAC, 50-60Hz, 0.3A Max

Output: 12 VDC, 1A

This is a quick guide for experienced installers only. Refer to technical downloads at <http://dealers.qolsys.com> (login required)

# STEP 1

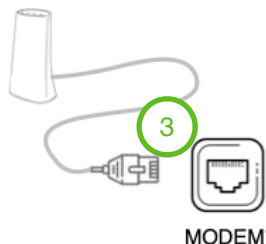
## CONNECT THE IQ WIFI



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

# STEP 2

## CONNECT TO THE MODEM OR EXISTING NETWORK

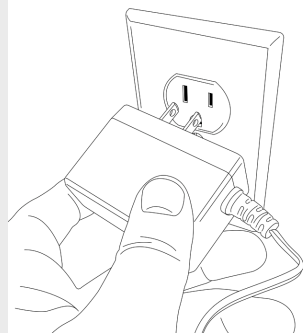


Connect the opposite end of the provided ethernet cable into the "ETHERNET" port on the modem\*.

*\*Note: for parallel installs plug the ethernet cable into an available port on the customer's existing router (see additional considerations)*

# STEP 3

## POWER UP THE IQ WIFI

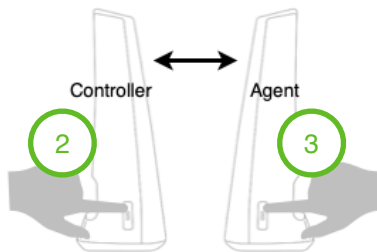


Plug in your power supply to the wall outlet.

*\* Note: IQWIFI may take up to 5 minutes to power up before proceeding to the next step.*

# STEP 4

## ADD ALL AGENTS



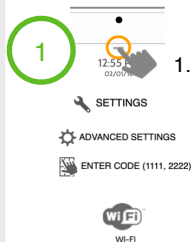
1. Power up an additional IQ WiFi (see step 3)
2. From the controller briefly touch the WPS button to activate pairing mode.
3. From the agent briefly touch the WPS button to pair
4. Allow 3-4 minutes for the agent to pair and auto update.

*Note: LED behavior; LED will slowly flash indicating pairing WPS mode has been enabled. If followed by a red flash, pairing was unsuccessful.*

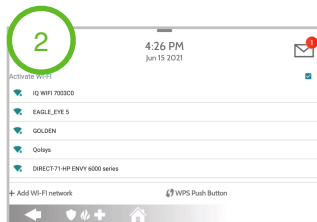
This is a quick guide for experienced installers only. Refer to <http://dealers.qolsys.com> (login required)

## STEP 5

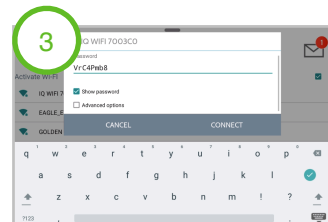
### PAIR CONTROLLER TO IQ PANEL



1. Open settings tray, touch Settings > Advanced settings > type valid dealer or install code > Wi-Fi.



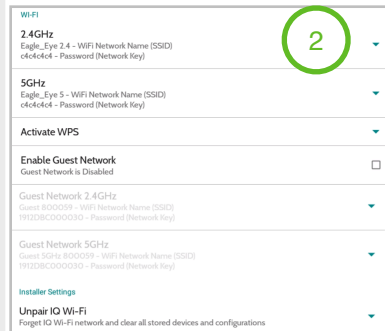
2. Look for the broadcasting SSID or network name and touch it. SSID will be IQ Wi-Fi (+Last 6 of MAC)



3. Enter password printed on sticker or bottom of router. Password: (S/N)
4. Touch connect

## STEP 6

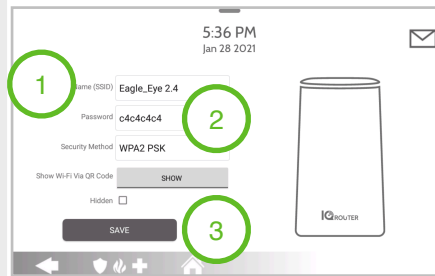
### RENAME YOUR NETWORK (SSID)



1. Open settings tray from IQ Panel > Settings > Advance Settings > type in valid code > touch Installation > Devices > WiFi devices > IQ Wi-Fi icon
2. Touch the down arrows to make edits to the Network Name (SSID's)

## STEP 7

### CREATE UNIQUE SSID AND PASSWORD



1. Enter a unique network name
2. Enter a unique security key
3. Touch Save

*Password must be between 8 and 64 characters, cannot contain any of the following characters: &()!@#%&quot;' or the space characters.*

This is a quick guide for experienced installers only. Refer to <http://dealers.qolsys.com> (login required)

## ADDITIONAL CONSIDERATIONS

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

As the only wireless network on the premises:



Great for:  
-Improving connectivity for ALL WiFi devices on the network.  
-Offering support for the entire network.

In parallel with an existing wireless network:



Great for:  
-Keeping the security and smart-home devices private/hidden from the rest of the WiFi 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.

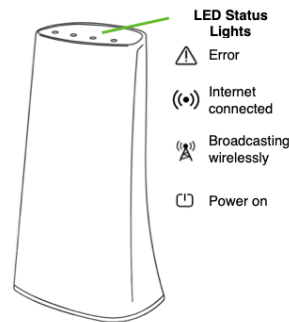
## TROUBLESHOOTING

### Factory Default:

- Press and hold the physical reset button for about 15-20 seconds or until the Power LED begins to flash. During a reset the power LED will flash quickly, slow to a stop, reboot and then slowly pulse until it remains solid GREEN.

### Adding Additional Agents:

- Add up to 7 agents per Controller for a total of 8 IQ WiFi units.
- Ethernet backhaul is supported and will default to wired connectivity so long as an ethernet cable has been connected properly.



Document#: IQWIFI06152021  
Revision#: 6/15/21  
Issue Date: JUNE 2021  
Qolsys Product #: QW8200-840

Johnson Controls proprietary.  
Reproduction without permission is not permitted.

**QUESTIONS?**  
**CONTACT TECH SUPPORT**  
[intrusion-support@tycoint.com](mailto:intrusion-support@tycoint.com)

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 operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

*This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference that may cause undesired operation of the device.*

*Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s). Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas provoquer d'interférences et (2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.*