

Tips and tricks

What to do when the WPS & Status LEDs light red

This indicates that the OWA813V could not establish a Wi-Fi connection through WPS.

Do the following:

- 1 Wait until the **Red WPS & Status LEDs** is no longer **Red**, then try using WPS again.
- 2 Turn your OWA813V slightly to a different angle and then try again.
- 3 Obstructions may deteriorate the signal strength. Try to minimize the number of walls between the two devices and then try again.
- 4 Move the devices closer to each other and then try again.

Optimizing the link quality (OWA813V Wi-Fi Extender mode)

- 1 First try to improve the link quality without unplugging the power supply:
- 2 Reposition the OWA813V Wi-Fi Extender to avoid obstacles, like walls, furniture and TV screens, between the OWA813V and your Wi-Fi Router.
- 3 Wait 15 seconds to allow the OWA813V Wi-Fi Extender to re-evaluate the link quality.
- 4 If the link quality did not improve:
 - Unplug the power supply and move the OWA813V Wi-Fi Extender closer to your Wi-Fi Router, or to a place with less obstacles between the OWA813V Wi-Fi Extender and your Wi-Fi Router.
 - Plug in the power supply and wait two minutes to allow the OWA813V Wi-Fi Extender to start up all services and evaluate the link quality.

Configure your OWA813V to your needs

The web user interface allows you to configure your OWA813V using your web browser.

To access the web user interface:

- 1 Check the IP address of your OWA813V. If your OWA813V is connected to your home network (either wired or via Wi-Fi), browse to the web interface of your router to check the IP address of the OWA813V.
- 2 If not connected to your home network, the default IP address of the OWA813V is 192.168.1.2. Browse to the OWA813V's IP address found (or **http://192.168.1.2**) on a computer or device that is currently connected to the OWA813V (either wired or over Wi-Fi).
- 3 The Wi-Fi web interface appears. By default, you are logged in as guest. This means that some items are hidden. To view all items, click Sign In and enter admin as user name and the **ACCESS KEY** printed on the label of your OWA813V as the password. Then the Wi-Fi extender web interface appears with all settings available.

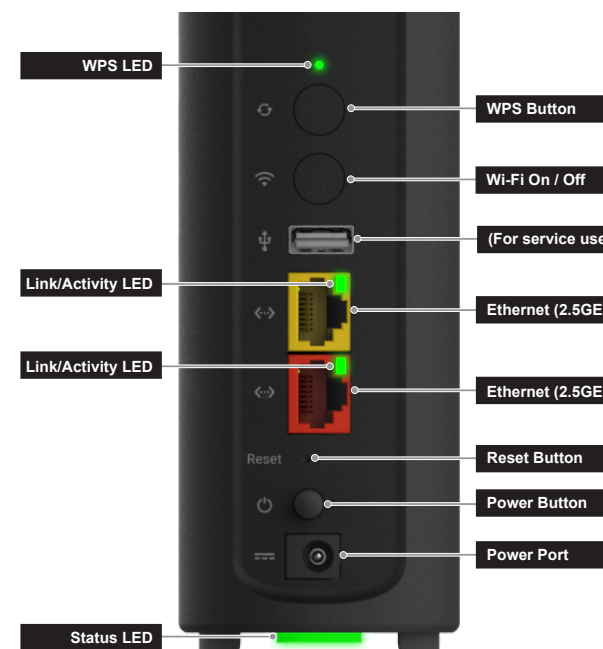
Note: If this is the first time that you sign in, the OWA813V may offer you to change your password.



OWA813V QUICK SETUP GUIDE

Before you start

Carefully read the **Safety Instructions and Regulatory Notices** document included in your package before continuing with the installation of your OWA813V.



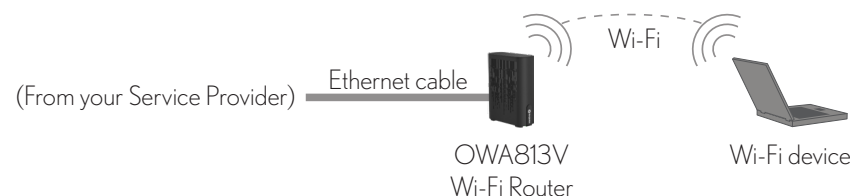
Status LED Color	Status Meaning
Blinking/fast Blinking Blue	OWA813V is booting up
Solid Purple	OWA813V is in sensing mode and waiting for an IP address. - If Public IP address detected, it will switch to Wi-Fi Router mode - If Private IP address detected, it will switch to Wi-Fi Extender mode.
Fast blinking Purple (for 120s)	OWA813V is in WPS onboarding (pairing) mode. - Will light Green 5s when connection is successful or - Will light Red 5s if failed if no device has paired.
Blinking White-Blue	OWA813V is updating its software. In this case, wait until the LED returns to its original state. This can take several minutes! Do not power off your device or unplug any cables!
Status LED Color	Wi-Fi Router mode - Status Meaning
White	OWA813V Wi-Fi Router is currently connected to the Internet (using a Public IP address).
Blinking Orange	OWA813V Wi-Fi Router is currently not connected to the Internet (no IP address).
Status LED Color	Wi-Fi Extender mode - Status Meaning
Shows the wireless signal strength between this OWA813V Wi-Fi Extender and a paired Wi-Fi Router.	
Solid Green	The link quality is optimal (good) . No further actions are needed.
Solid Orange	The link quality is fair , but not optimal. Change OWA813V's position until the LED turns Green .
Blinking Red	The link quality is poor (bad) . Change OWA813V's position until the LED turns Green .
Blinking Orange	The OWA813V Wi-Fi Extender is currently not connected to an Wi-Fi Router.

Initial Setup

- 1 Review the configurations described on the next page to determine which configuration is right for you.
- 2 Place the OWA813V in the desired location.
- 3 Take the power supply, plug the small end into the power inlet port (🔌) of the OWA813V and then plug the other end into a nearby power outlet.
- 4 Press the power (🔌) button on the back of the OWA813V.

Configuration 1: Wi-Fi Router

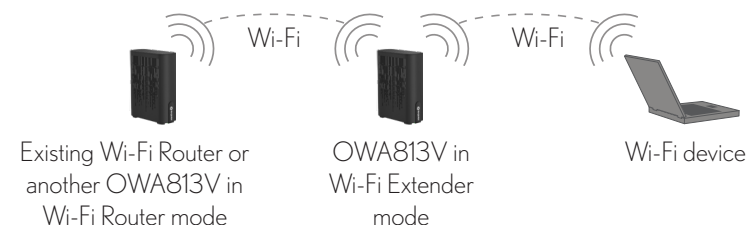
This scenario allows you to add Wi-Fi coverage using the OWA813V.



After powering on, the Status LED will first **blink Blue** and then **solid Purple** after startup. After receiving a Public IP address, it will light **solid White** to show it has Internet connection.

Configuration 2: Wi-Fi Extender

This scenario allows you to extend Wi-Fi coverage in your home by retransmitting Wi-Fi messages from your existing Wi-Fi Router.



- 1 Position your OWA813V half-way between your existing Wi-Fi Router (or another OWA813V with WAN connected to the Internet) and your Wi-Fi devices. Power on using the previous instructions in Initial Setup.
- 2 Briefly press the **WPS** (🔌) button on the OWA813V. The **WPS LED** on the OWA813V will be **blinking Green for 120s**, and the **Status LED** will be **blinking Purple** at the same time.
- 3 Within two minutes, briefly press the WPS button on your Wi-Fi Router.
Note: On some Wi-Fi Routers you may have to press and hold the WPS button for a few seconds or until its **WPS LED** starts blinking.
- 4 After a short time the **WPS & Status LEDs** on the OWA813V will turn **Green for 5s**. The Wi-Fi connection is now successfully established.
- 5 You are now ready to connect new Wi-Fi devices.

Adding a Wi-Fi device to your network

- 1 Scan the QR Code printed on the rear panel, or
- 2 Configure it with the Wi-Fi network name (SSID) and wireless key that are printed on the product label on the bottom of the OWA813V.