Quick Installation Guide

High Power Outdoor WiFi Access Point/Bridge

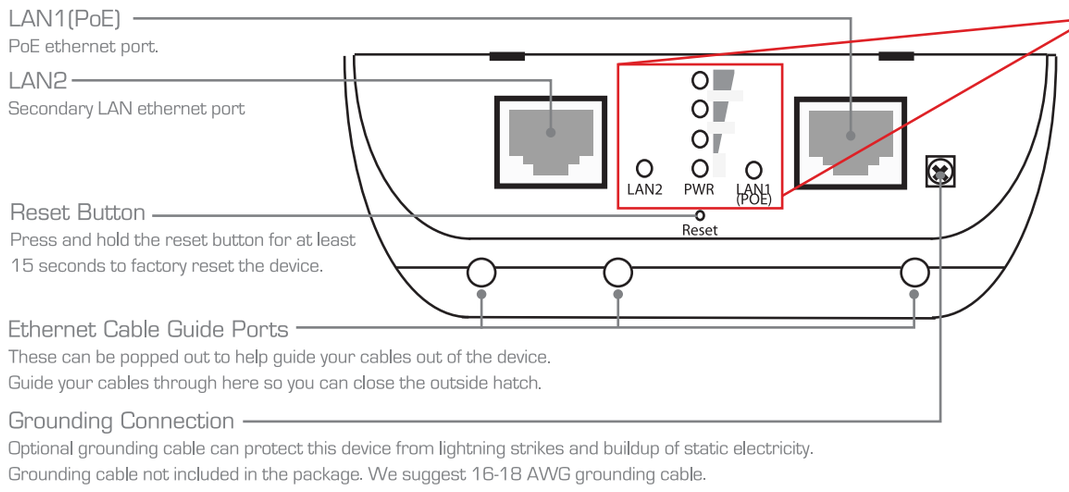
Requirements

- Wired or Wireless Internet Connection
- A Wired Desktop or Laptop Computer
- Power Outlet
- Additional Ethernet Cables required for setup

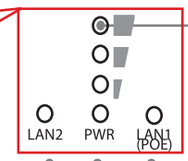
Package Contents

- 1x High Power Outdoor WiFi Access Point/Bridge
- 1x Power over Ethernet Adapter (PoE) w/ AC Power Adapter
- 1x RJ-45 Ethernet Cable
- 1x Wall Mounting Kit
- 2x Cable Ties for Stand/Pole Mounting
- 1x Setup CD-ROM
- 1x Quick Installation Guide (QIG)

Physical Description



LED Description



WiFi Signal Strength Indicator
In Client Bridge and CPE + Repeater Modes, these LEDs will show the signal strength of the remote network

LAN1(PoE)
LED is on, (blinking) when there is an established ethernet connection to the PoE and from there into a networking device

LAN2 (PoE)
LED is on, when there is an established ethernet connection to a networking device.

Power
LED is on, when the power adapter is connected to the PoE and the PoE is powered on.

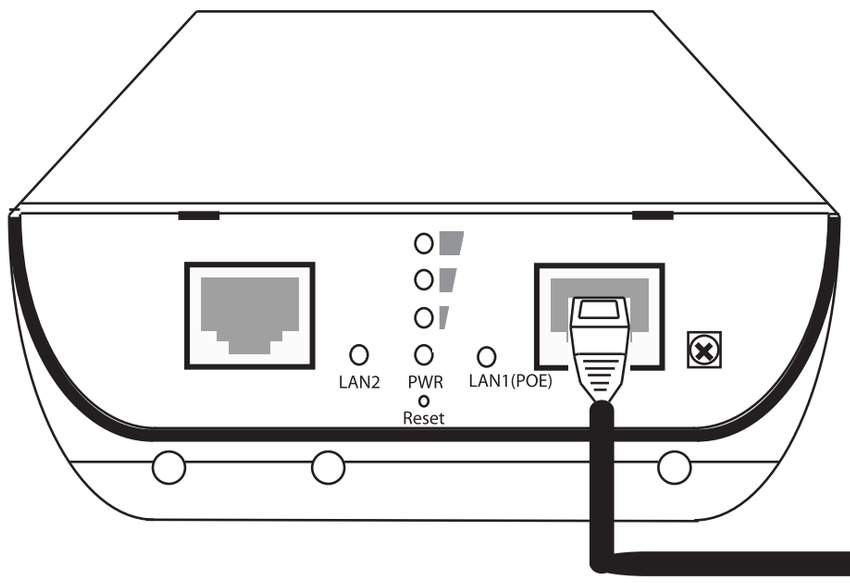
Start Here ▽▼

ⓘ Hawking recommends that you complete configuration before mounting the device. The High Power Outdoor Device needs to be configured via ethernet port from a desktop or laptop computer. For mounting instructions, please see the manual located on the included CD or download it from our website www.hawkingtech.com

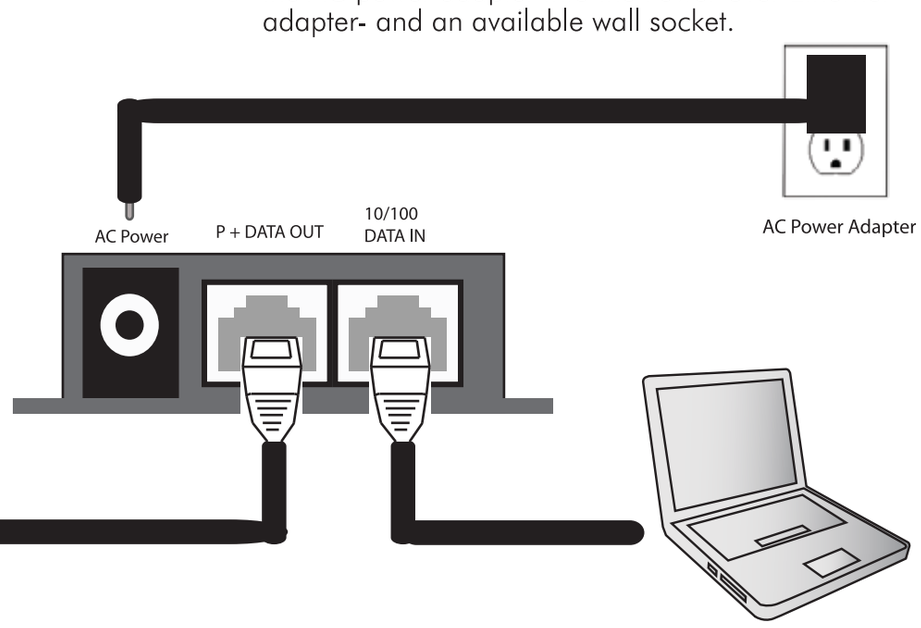
1 Hardware Setup

a. Depress the latch at the bottom of the Device and remove the plastic panel to open up the electronic bay compartment. Connect one RJ-45 ethernet cable (provided) from your laptop to the Power-over-Ethernet adapter. Be sure to plug this into the RJ-45 port labeled "10/100 DATA IN". Next connect an additional ethernet cable from the port labeled "DATA OUT" to your High power Outdoor device.

b. Once you have connected all your RJ-45 cables, plug the AC power adapter into the Power-over-Ethernet adapter- and an available wall socket.



Note: Users will have to provide their own ethernet cable due to their unique installation requirements. Please use an ethernet cable that is an appropriate length for your installation environment.



2 Configuring the High Power Outdoor Device

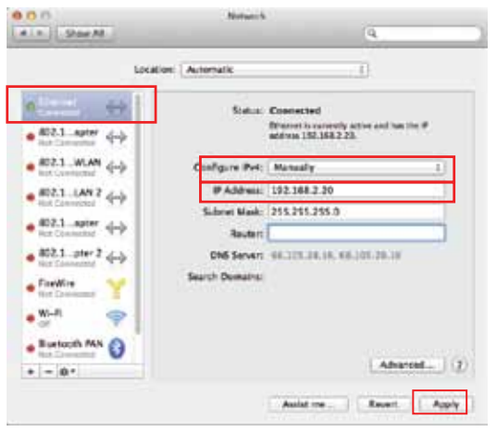
The device must be configured via ethernet port from a Desktop or Laptop Computer. Proceed below according to your computer's operating system.

For Mac Users

a. Connect your computer to the network using an ethernet cable. If your computer is WiFi enabled, you'll need to turn off the WiFi connection from your computer until you are done configuring the device.

b. Open your System Preferences and select the "Network" option.

c. Select the 'Ethernet' option. Find the 'Configure' drop down menu and select 'Manually'. In the IP address, enter '192.168.2.20', and select 'Apply'.

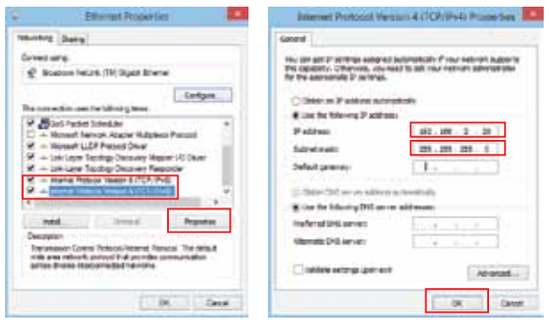


For Windows Users

a. Go to "Start" button, then go to the "control panel". Click on "Network and Sharing Center". From the left column, select "change adapter settings". Right-click on "Local Area Network (Ethernet)" and choose "Properties".

b. Select "Internet Protocol Version 4 (TCP/IPv4)" and click on "Properties"

c. Select the 'Use the following IP address' option. In the IP address, enter '192.168.2.20', and Subnet Mask of '255.255.255.0'and select 'Ok'. Click 'Ok' again under Ethernet Properties.



3 Login into the HPOW5/HPOW10D

Using the same device, open a web browser and type in the following web address in the web address bar: **http://192.168.2.254**

Once the page loads, enter the following login information:

Login: **root**
Password: **default**
Click **Ok** to continue

4 Choosing your Mode

You will now access the setup page. Under System, Operating Mode, you can select your mode. After it reboots, go to System, Setup Wizard, to set up the device. Refer to the Manual on the CD if you need more information on the differnet modes and features of this device

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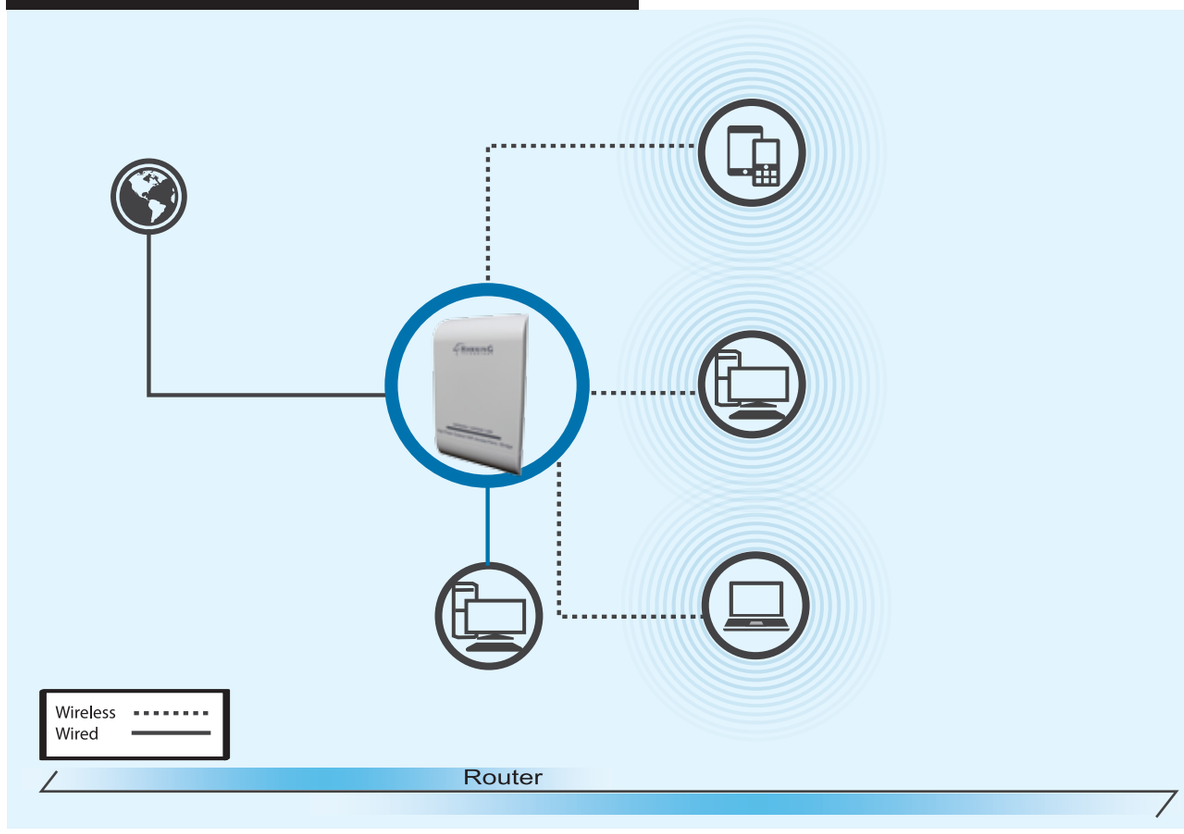
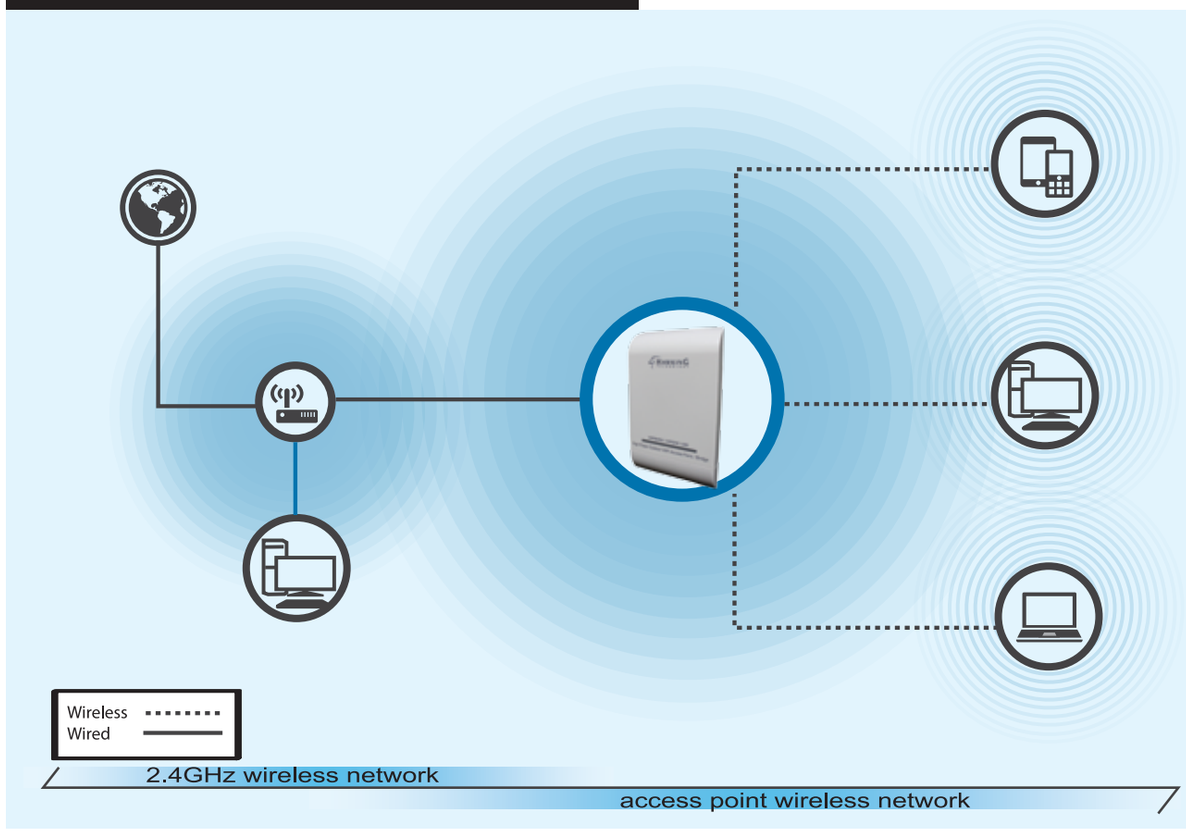
Router AP Mode



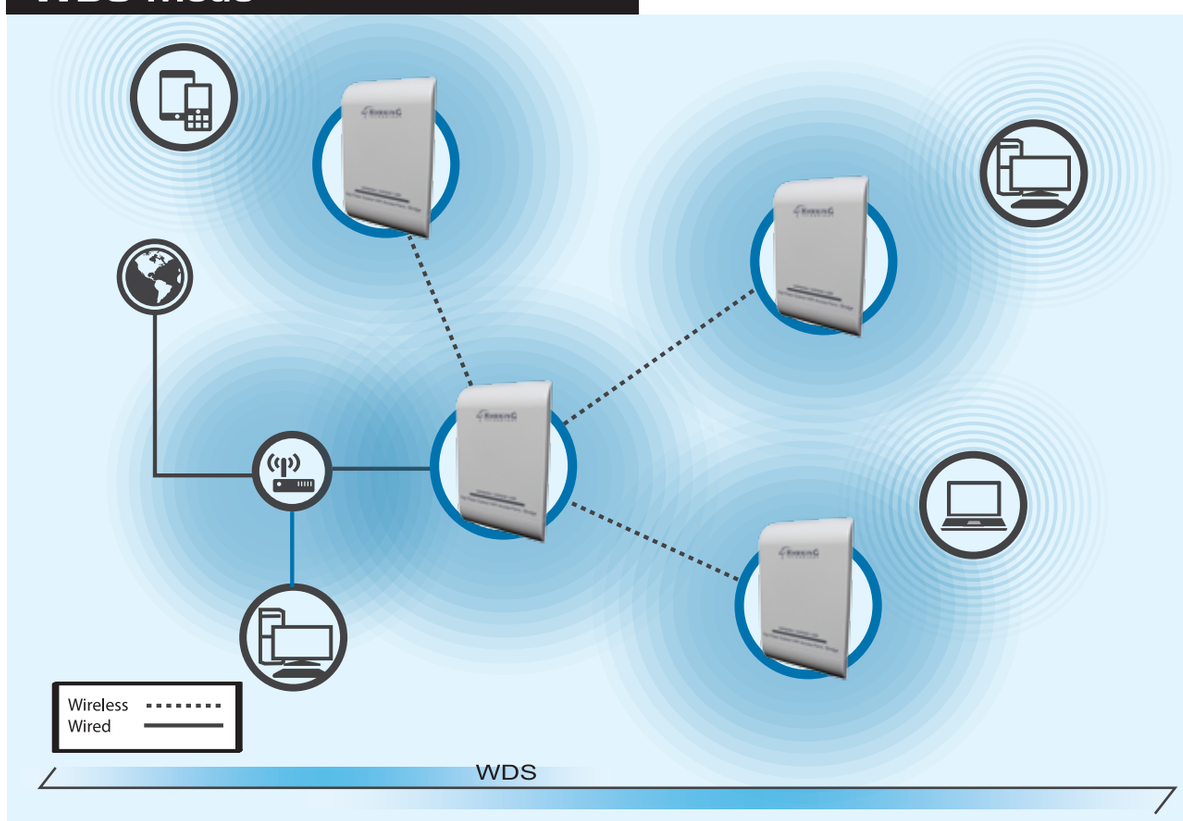
Router AP Mode: When Router AP mode is chosen, the system can be configured as a Wireless Router. In this mode, the device is supposed to be connected to the internet via ADSL/Cable Modem. The NAT is enabled and PCs in LAN/WLAN port share the same IP to ISP through the WAN port. The connection type can be setup in the WAN page by using static IP, Dynamic IP, PPPoE or PPTP client. For more information, see section 3-1 in the manual.

Access Point Mode



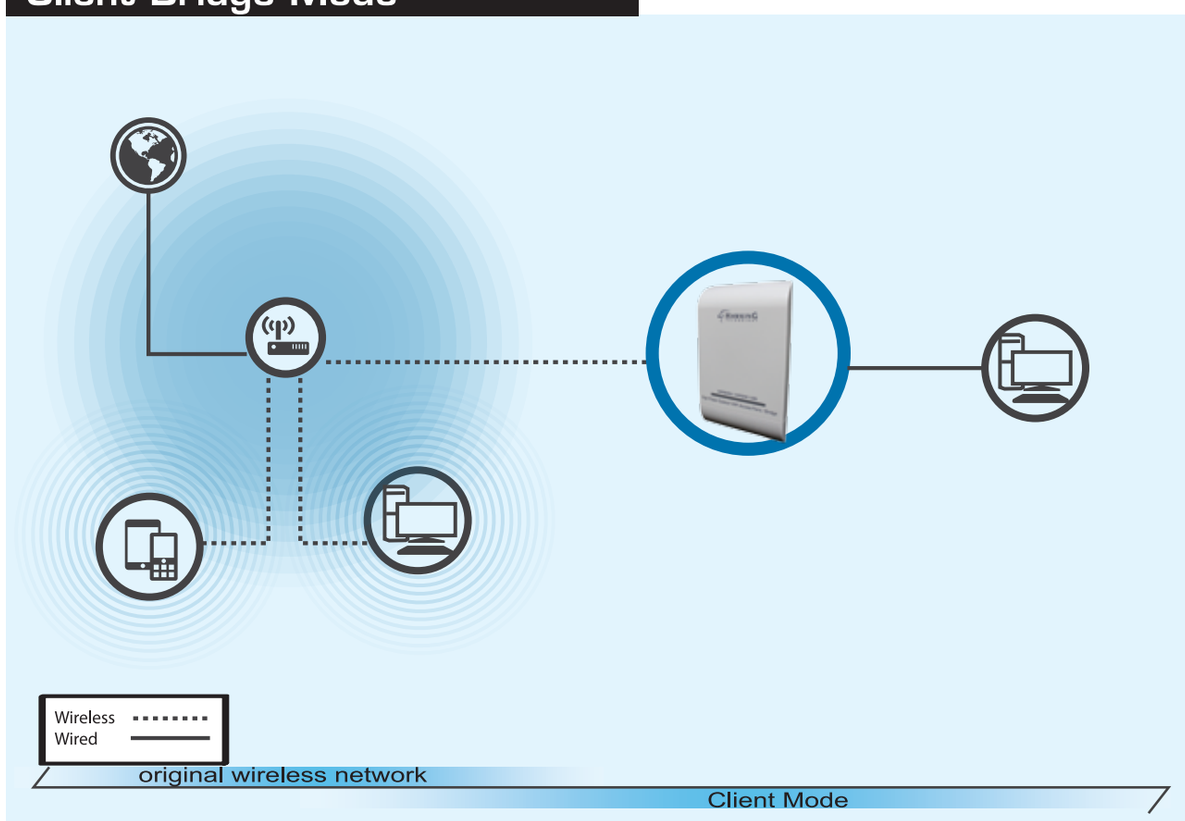
Access Point Mode: To set up AP mode, simply configure the device as a standard wireless access point. In this mode, the device can be used as an Access Point for wireless client connection. All Ethernet ports and wireless interfaces are bridged together. For more information see section 3-2 in the manual.

WDS Mode



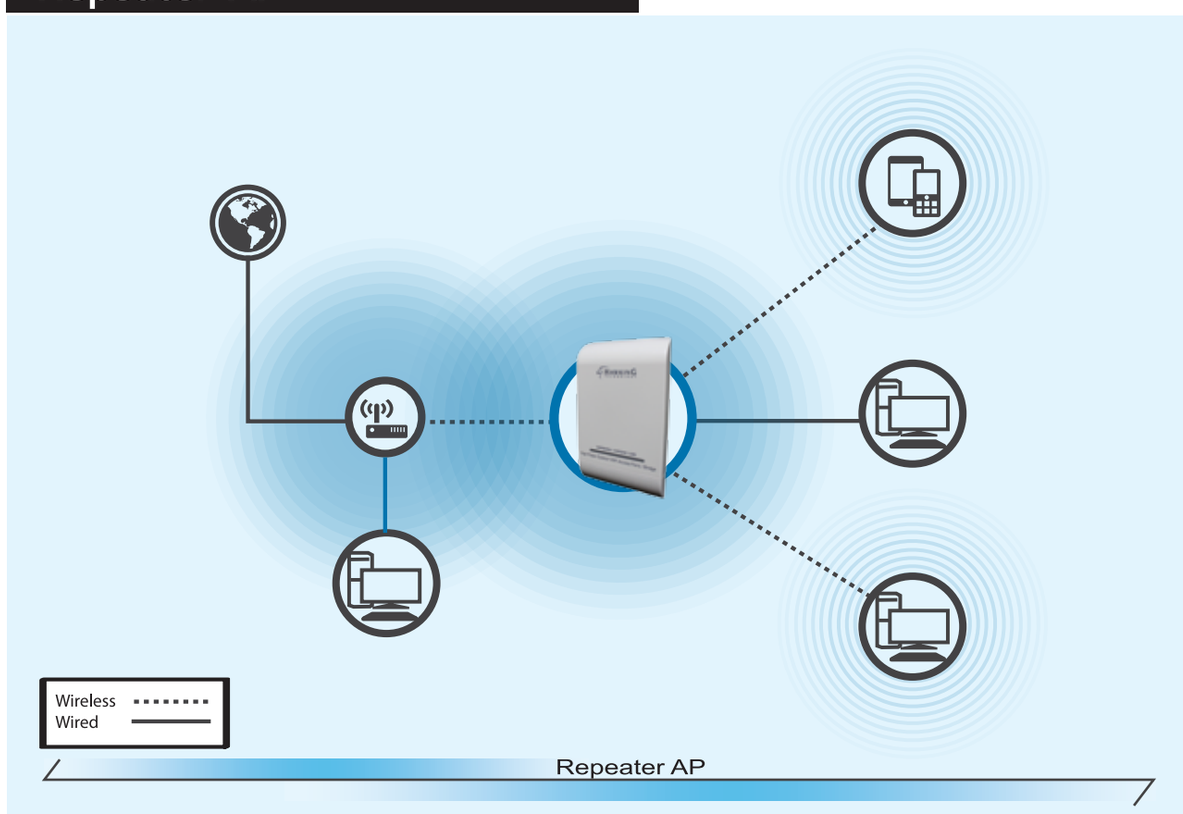
WDS Mode: When WDS mode is chosen, the system can be configured in WDS Mode. WDS (Wireless Distribution Service) mode, creates a wireless backbone link between multiple access points that are part of the same wireless network. This allows a wireless network to be expanded using multiple access points without the need for a wired backbone to link them. WDS mode works best with other Hawking High Power Outdoor devices. Hawking does not recommend setting up a WDS network using unauthorized devices. For more information see section 3-3 in the manual.

Client Bridge Mode



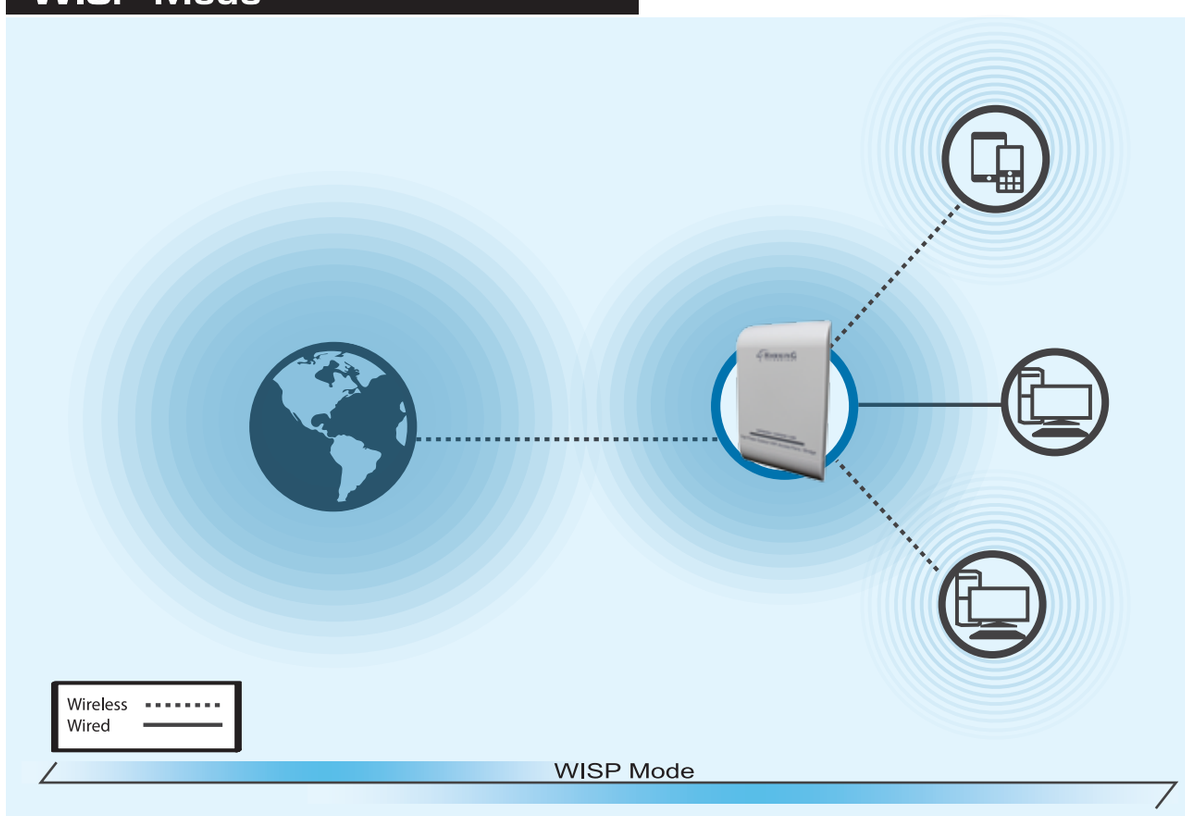
Client Bridge Mode: When Client Bridge + Repeater AP Mode is chosen, the system is configured in bridged mode. In this mode, the device can connect to other Access Points via a wireless link and be used to bridge wired clients to the network. For more information see section 3-4 in the manual.

Repeater AP



Repeater AP Mode: In this mode, the device can connect to other Access Points via a wireless link and be used to bridge wired clients to the network and work as a wireless repeater for wireless devices. All Ethernet ports and repeater access points are bridged together. For more information see section 3-4 in the manual.

WISP Mode



WISP Mode (CPE+Repeater AP Mode): To set up CPE + Repeater AP Mode, configure the device in Wireless Repeater mode. In this mode, the device can wirelessly connect to a WISP (wireless internet service provider), ie. another wireless AP, HotSpot, etc. Then, it wirelessly repeats the signal and can even act as a router for these signals. NAT is enabled and wired and wireless computers can share the same IP range. For more information see Section 3-5 in the manual.