Step 1. Connect the WAX220 to your network

Power up the WAX220 access point (AP) using one of the following methods:

- **Use a PoE switch**: Connect one end of an Ethernet cable to the LAN/PoE+ port of the AP and connect the other end to a PoE+ switch that supplies 802.3at PoE+ power. The power LED on the AP turns solid green.

- **Use a power adapter**: Connect the power adapter's DC plug to the AP, and insert the power adapter in a power outlet. The power LED on the AP turns solid green.

Then, connect one end of an Ethernet cable to the LAN/PoE+ port of the AP, and connect the other end to a router or a switch.

NOTE: The AP supports two types of WiFi networks (SSIDs):
- **Management WiFi network**: The special purpose WiFi network that you use to access the AP’s device UI to configure and manage the AP. You can use the QR code or WiFi network information on the AP label to connect to the management WiFi network. To protect your WiFi network security, the management WiFi network does not let you connect to the Internet.
- **User WiFi network**: The WiFi network that provides general network access to authenticated users. During set up, you must configure the first user WiFi network. After completing the initial setup process, you can configure up to three additional WiFi networks.

Step 2. Set up Internet access and connect

When you power up your new AP, the management WiFi network becomes active. We recommend that you use a WiFi-enabled computer to connect to the management WiFi network for setup.

1. Connect your computer or tablet to the AP’s management WiFi network (SSID) using one of the following methods:
   - Scan the QR code: Scan the QR code on the AP label to connect to the management WiFi network.
   - Connect manually: The management WiFi network is on the AP label. The default network key (password) for WiFi access is also on the AP label.

2. Launch a web browser and enter https://www.aplogin.net in the address field.

3. Follow the instructions to complete the setup process.

NOTE:
- If your browser redirects to a www.netgear.com page, your computer or tablet is not connected to the AP's WiFi network. Connecting to a WiFi-enabled computer to the AP’s management WiFi network and entering WAX220 in the search field connects you.
- If your browser displays a security warning because of the self-signed certificate: Click the Proceed button. For more information, see the user manual, which you can download by visiting downloads.netgear.com and entering WAX220 in the search field.

During installation and setup, the AP's LEDs can light in these colors:

- **Power**: The AP is powered on and ready.
- **LAN**: The LAN port detects a 1 Gbps or 2.5 Gbps link with a powered-on device.
- **Power LED**: Solid amber: The AP is powered on and ready.
- **LAN LED**: Solid or blinking amber: The LAN port detects a 2.5 Gbps link with a powered-on device.
- **5 GHz WLAN LED**: Solid or blinking blue: The 5 GHz radio is operating with clients. Solid or blinking blue: The 5 GHz radio is operating without clients.
- **2.4 GHz WLAN LED**: Solid or blinking blue: The 2.4 GHz radio is operating with clients. Solid or blinking amber: The AP’s device UI to configure and manage the AP is up and running.
- **WiFi clients**: The AP is connected to the network and ready to use. You can now connect to your computer or mobile device to the WiFi network that you just set up, using the WiFi network information on the AP label to connect to the management WiFi network.
Mounting options

You can mount the AP to a wall or to a ceiling with a 15/16 in. (24 mm) T-bar, or you can install the AP freestanding on a flat surface.

We recommend that you use a flat Ethernet cable so that the cable fits in the narrow space between the AP and the surface on which it is mounted or placed.

Before you mount the AP, first set up and test the AP to verify WiFi network connectivity.

Mount to a solid wall

CAUTION: Make sure that the wall is not damaged.

For example, water damage can destroy a drywall.

1. Place the mounting plate on the wall. The latch on the mounting plate must face downward.
2. Mark the wall where the mounting holes are.
3. Using a 3/16 in. (4.7 mm) drill bit, drill holes in the wall.
4. Tap each anchor into the wall with a soft mallet until the anchors flush with the wall.
5. Use the screws to attach the mounting plate to the wall.

NOTE: Unless you insert the screws into a wall stud, do not insert the screws into the wall without anchors.

6. Connect cable to the AP.
7. Hold the AP at approximately a 45-degree angle in the figure to the left, and attach it to the mounting plate.
8. Twist the AP clockwise to lock it onto the mounting plate.

The opening at the bottom of the mounting plate latch locks onto the knob at the bottom of the AP.

Mount to a T-bar

1. Slide the T-bar partially into the metal bracket.
2. Attach the metal bracket to the ceiling bar.
3. Push the T-bar over the ceiling bar.
4. Use the lock screw to lock the metal bracket into place.

The AP is designed to be unobtrusive, so it sits flat on the ceiling surface when it is mounted.

5. Use the four short screws to attach the mounting plate to the T-bar.
6. Connect an Ethernet cable, or both an Ethernet cable and power adapter, to the AP before mounting.

The AP is designed to be unobtrusive, so it sits flat on the ceiling surface when it is mounted.

7. Hold the AP, upside down at approximately a 45-degree angle, as shown in the figure to the right, and attach it to the mounting plate.

When viewed from the front, the latch points towards the lower left corner of the AP.

8. Twist the access point clockwise to lock it onto the mounting plate.

The opening at the bottom of the mounting plate latch locks onto the knob at the bottom of the AP.

In final position, the latch points directly towards the center bottom edge of the AP.

See the figure to the right, and the figures in the next column.

Unmount the AP

CAUTION: Make sure you hold the AP so that it does not drop when you release it from the mounting plate.

1. Place your thumb on the locking latch, located behind the LEDs on opposite side of the AP.
2. Press the latch towards the T-bar or wall to release the lock and keep the lock open.

3. Turn the AP counter-clockwise approximately 45 degrees until the AP releases from the mounting plate.

The mounting plate remains attached to the T-bar or the wall.

Regulatory and Legal

See the regulatory compliance information including the EU Declaration of Conformity, at

https://www.netgear.com/about/regulatory/.

For NETGEAR’s Privacy Policy, visit https://www.netgear.com/about/privacy-policy.

By using this device, you are agreeing to NETGEAR’s Terms and Conditions at

https://www.netgear.com/about/terms and conditions. If you do not agree, return the device to your place of purchase within your return period.

Do not use this device outdoors. The PoE source is intended for intra building connection only.

Applicable to 6 GHz devices only: Only use the device indoors. The operation of 6 GHz devices is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet. Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.