



tp-link EAP610 Wireless Access Point Installation Guide

[Home](#) » [tp-link](#) » tp-link EAP610 Wireless Access Point Installation Guide

Contents [[hide](#)]

- 1 [tp-link EAP610 Wireless Access Point](#)
- 2 [Hardware Overview](#)
- 3 [Hardware Installation](#)
- 4 [Power Supply](#)
- 5 [Software Configuration](#)
- 6 [Safety Information](#)
- 7 [Documents / Resources](#)
 - 7.1 [References](#)
- 8 [Related Posts](#)



tp-link EAP610 Wireless Access Point



Hardware Overview

Note: For simplicity, we will take EAP660 HD for example throughout the Guide. The image may differ from the actual product.

FRONT PANEL



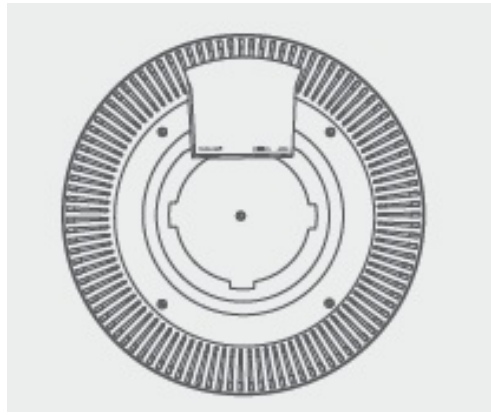
LED Indicator

On: Working normally/Initializing. Off: Working abnormally/Power off/LED is turned off.

Flashing:

- Initialization: The LED flashes twice after initialization is completed.
- Upgrade: The LED flashes once per second while upgrading.
- Reset: The LED flashes quickly during the reset. The EAP will then reboot.
- Locate: When the Locate feature is activated in the Omada controller, the LED flashes quickly to locate and identify the device. The LED will flash for 10 minutes, or you can disable the feature manually to stop it flashing.

REAR PANEL



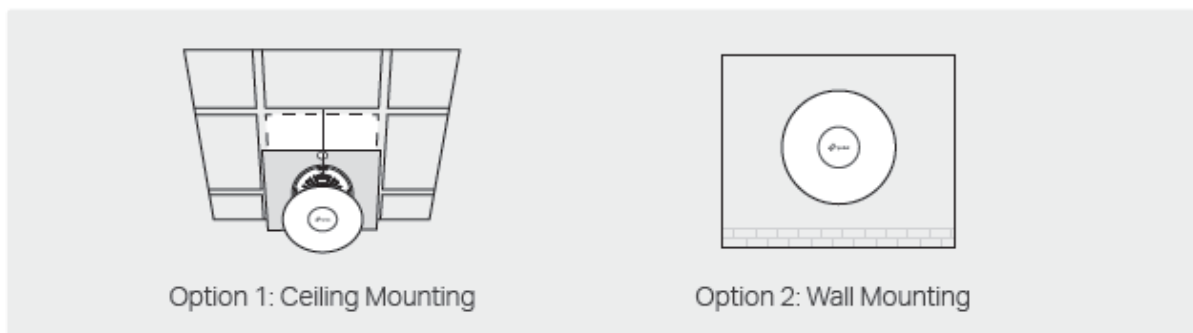
RESET With the device powered on, press and hold the button for about 5 seconds until the LED flashes quickly . Then release the button. The device will restore to factory default settings.

Ethernet Port: 2.5G ETH (PoE) (for EAP660 HD) | ETH (PoE) (for EAP610 / EAP620 HD) The port is used to connect to a router or a switch to transmit data, or to a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and Power over Ethernet (PoE) through Ethernet cable. The port supports transmission speed of 10/100/1000/2500 Mbps for EAP660 HD and 10/100/1000 Mbps for EAP610 / EAP620 HD.

Power Port: 12V 2A (for EAP660 HD) | 12V 1A (for EAP610 / EAP620 HD) Plug one end of the provided power adapter to this port and the other end to a standard electrical wall outlet to power the EAP.

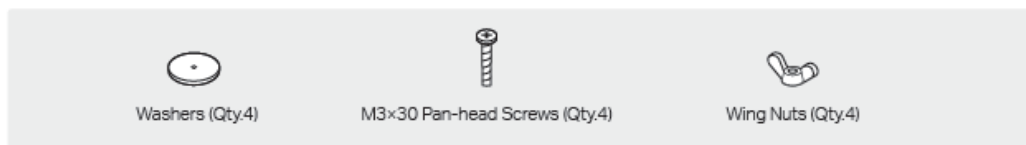
Hardware Installation

The EAP can be ceiling-mounted or wall-mounted. Choose a mounting method according to your needs. Follow the steps below for the appropriate installation.

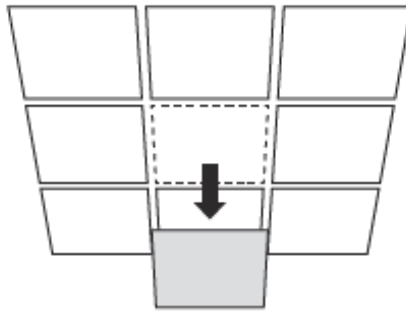


Option1: Ceiling Mounting

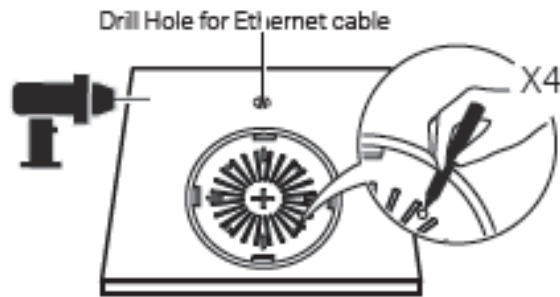
Note: Make sure that the ceiling tile is bigger than the EAP.



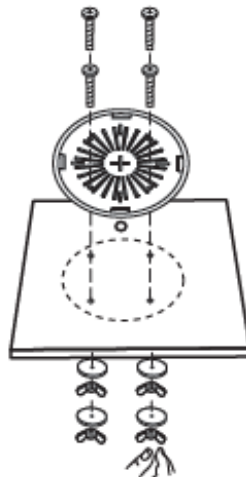
1. Remove the ceiling tile.



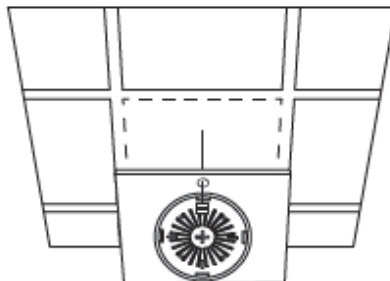
2. Place the mounting bracket in the center of the ceiling tile. Mark four positions for the screw holes and a position for the Ethernet cable hole. Drill four 4 mm diameter holes for the screws and a 25 mm diameter hole for the Ethernet cable at the marked positions



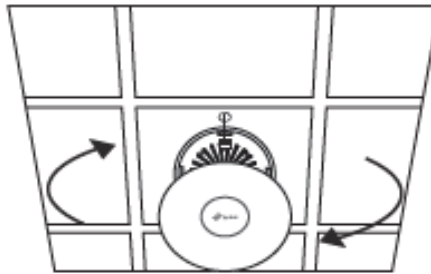
3. Secure the mounting bracket to the ceiling tile using four M3x30 pan-head screws, washers and wing nuts, as shown on the left.



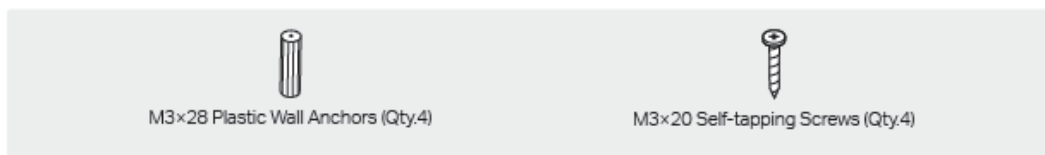
4. Feed the Ethernet cable through the hole and set the ceiling tile back into place.



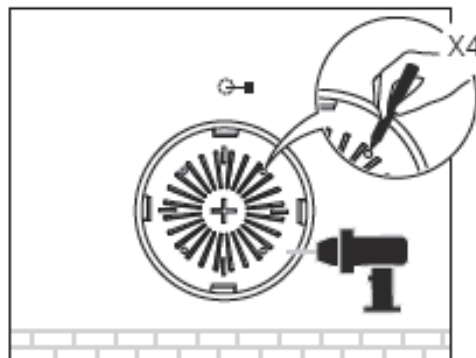
5. Connect the Ethernet cable to the Ethernet port. Attach the EAP to the mounting bracket, then rotate the EAP until it locks into place, as shown on the left.



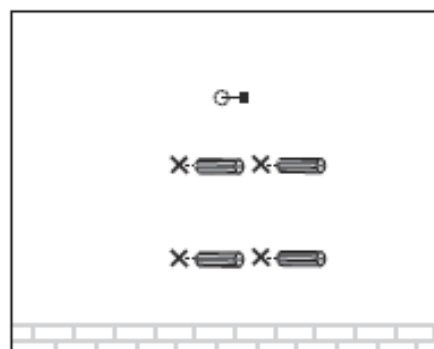
Option2: Wall Mounting



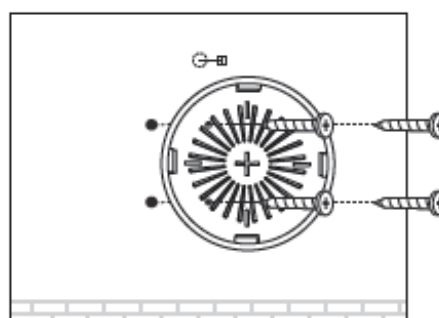
1. can position the mounting bracket below the cable hole. Mark four positions for the screw holes and then drill four 6 mm diameter holes at the marked positions.



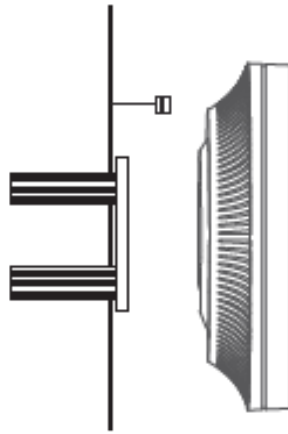
2. Insert the plastic wall anchors into the 6 mm diameter holes.



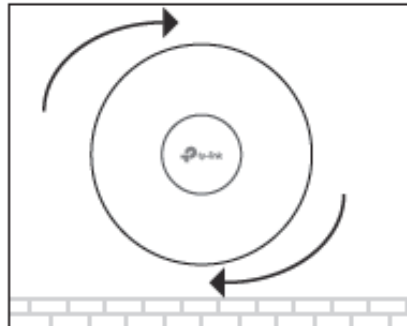
3. Secure the mounting bracket to the wall by driving the self-tapping screws into the anchors. Make sure that the shoulders of the mounting bracket are on the outside.



4. Connect the Ethernet cable to the Ethernet port on the EAP.



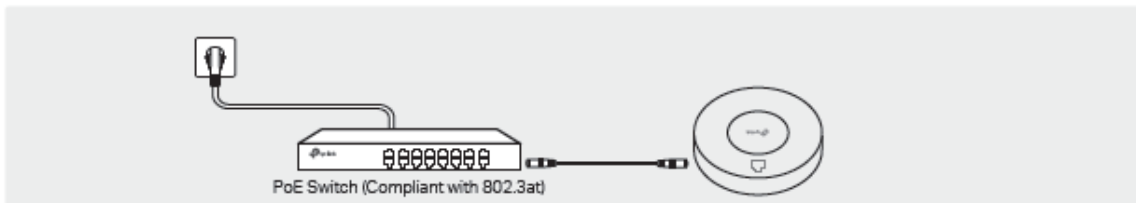
5. Attach the EAP to the mounting bracket, then rotate the EAP until it locks into place, as shown on the left.



Power Supply

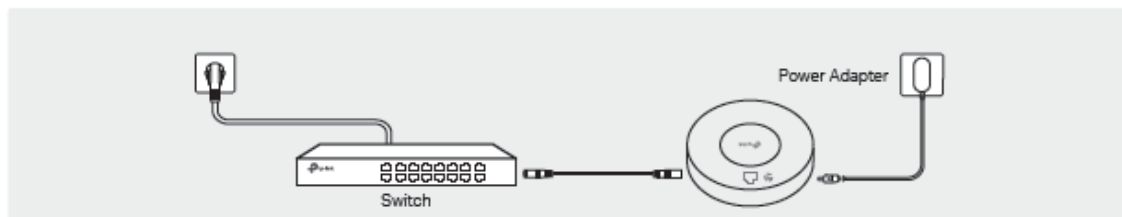
The EAP can be powered via a power adapter or a PSE device (such as a PoE switch).

Option1: Via PoE Switch (Compliant with 802.3at)



Connect an Ethernet cable from the PoE switch (compliant with 802.3at) to the Ethernet port.

Option2: Via Power Adapter



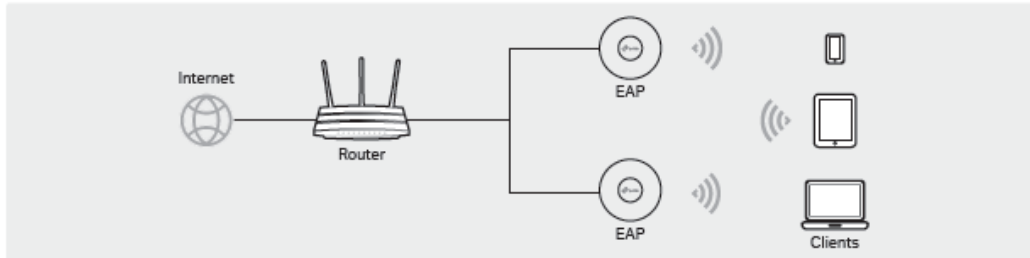
Plug one end of the provided power adapter into the power port of the EAP and the other end to a standard electrical wall outlet.

Software Configuration

A DHCP server (typically a router with DHCP function enabled) is required to assign IP addresses to the EAPs and clients in your local network. The EAP supports two configuring options:

- To configure and manage EAPs singly (usually suitable for a small network with a few EAPs), Standalone Mode is recommended. Please refer to Option 1.
- To configure and manage EAPs in batch, Controller Mode is recommended. Please refer to Option 2.

Option1: Standalone Mode



1. Download the TP-Link Omada App on your mobile device. It can be downloaded from App Store or Google Play:



2. Connect your mobile device to the EAP by using the default SSID (format: TP-Link_2.4GHz/5GHz_XXXXXX) printed on the label at the bottom of the product.
3. Open the Omada App, and wait for the EAP to appear on the Standalone APs page. Tap on the

The Omada App is designed to help you quickly configure the common settings. If you want to configure advanced settings, log in to the web page of your EAP or the controller.

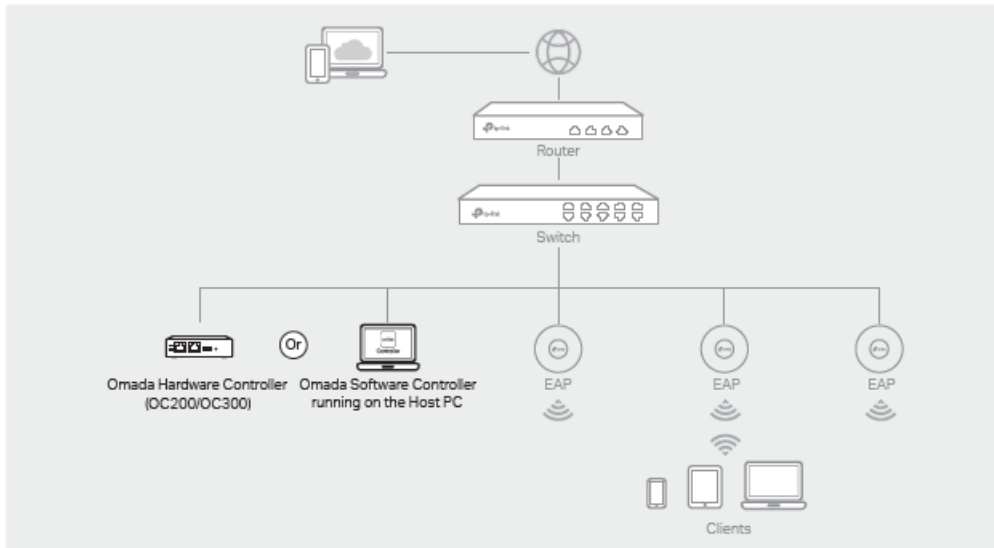
Via a Web Browser

1. Connect wirelessly by using the default SSID (format: TP-Link_2.4GHz/5GHz_XXXXXX) printed on the label at the bottom of the product.
2. Launch a web browser and enter <http://tplinkeap.net> in the address bar. Use admin for both Username and Password to log in.
3. Set up a new Username and Password for secure management purpose. Modify the wireless parameters and reconnect your wireless devices to the new wireless network.

To configure other EAPs, connect your device to the EAP by the corresponding default SSID and repeat the steps listed above. You can configure some basic functions in Standalone Mode. If you want to configure advanced functions, use Controller Mode.

Option2: Controller Mode

Controller Mode applies to the large scale network with mass devices. All devices can be centrally configured and monitored via Omada Software Controller, Omada Hardware Controller or Omada Cloud-Based Controller.



Via Omada Software Controller

1. On the PC with Windows OS or Linux OS, download the Omada Software Controller installation file from <https://www.tp-link.com/support/download/omada-software-controller/>.
 2. Run the file and follow the wizard to install the Omada Software Controller.
 3. Launch the Omada Software Controller and follow the step-by-step instructions to complete the Quick Setup. After the wizard is finished, a login screen will appear.
 4. Enter the username and password you created and click Log in. Then you can further configure the network.
- Omada Cloud Portal

After installing Omada Software Controller, you can remotely access the controller through Omada Cloud Portal. Follow the steps below.

1. Enable Cloud Access on the setting page on the controller and bind a TP-Link ID to your controller. If you have configured this in the setup wizard, skip the step.
2. Launch a web browser and enter <https://omada.tplinkcloud.com> in the address bar.
3. Enter your TP-Link ID and password to log in. A list of controllers that have been bound with your TP-Link ID will appear. Then you can click Launch to further configure the controller.

With Omada App, you can also manage your Omada Software Controller at a local site and remote site. Note that Omada Software Controller needs to be kept running when using Omada App.

1. Download the TP-Link Omada App on your mobile device. It can be downloaded from App Store or Google Play:



2. Launch your Omada App and configure the controller at a local site or remote site.

Local Management

- Connect your mobile device to the EAP by using the default SSID (format: TP-Link_2.4GHz/5GHz_XXXXXX)

printed on the label at the bottom of the product.

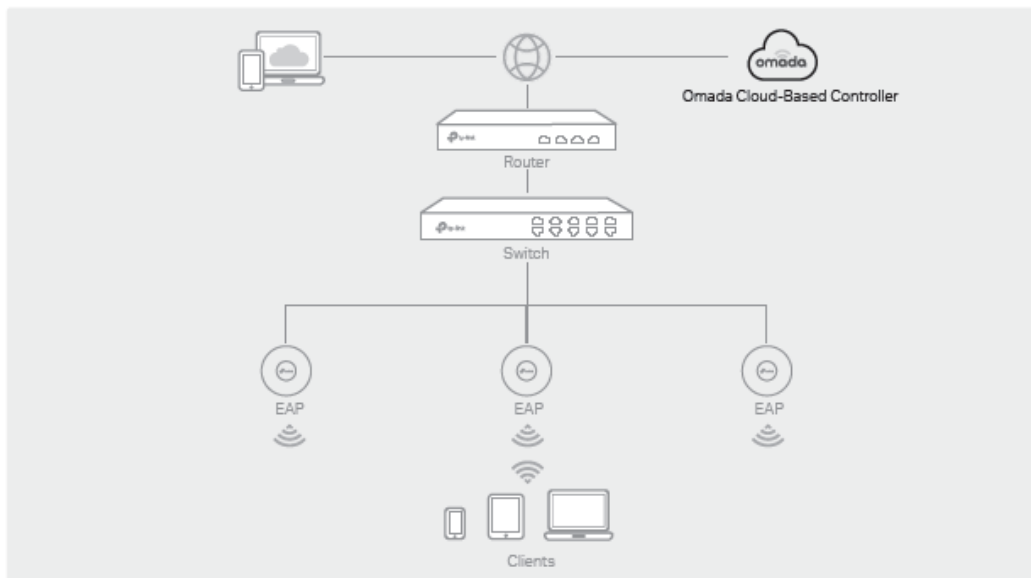
- Launch Omada App and go to Local Access, tap the + button on the upper-right corner to add the controller. Then you can further configure the controller.

Remote Management

- Make sure Cloud Access is enabled on your controller and your controller has been bound with your TP-Link ID.
- Launch Omada App and log in with your TP-Link ID. Then go to Cloud Access. A list of controllers that have been bound with your TP-Link ID will appear. Then you can further configure the controller.

Via Omada Hardware Controller (OC200/OC300)

Omada Hardware Controller (OC200/OC300), which is pre-installed with Omada Software Controller, is a good alternative if you have no spare PC to keep running Omada Software Controller in the network. It needs to be purchased additionally. For more details, refer to the Installation Guide of OC200/OC300.



Via Omada Cloud-Based Controller

Before managing the devices via Omada Cloud-Based Controller, make sure they can access the internet.

1. Launch a web browser and enter <https://omada.tplinkcloud.com> in the address bar. Enter your TP-Link ID and password to log in.
2. Click Add Controller and register for an Omada Cloud-Based Controller. Follow the instructions to complete the setup process.
3. Add devices with the serial number, make sure the devices are online and in factory default.
4. Assign appropriate licenses in order to manage and configure the devices on the cloud-based

With Omada App, you can also manage your Omada Cloud-Based Controller.

1. Download the TP-Link Omada App on your mobile device. It can be downloaded from App Store or Google Play:



2. Launch Omada App and log in with your TP-Link ID. Then go to Cloud Access. A list of controllers that have been bound with your TP-Link ID will appear. Then you can further configure the controller.

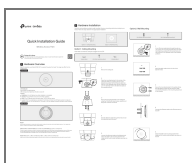
To ask questions, find answers, and communicate with TP-Link users or engineers, please visit <https://community.tp-link.com> to join TP-Link Community. For technical support, the user guide and other information, please visit <https://www.tp-link.com/support>, or simply scan the QR code. If you have any suggestions or needs on the product guides, welcome to email techwriter@tp-link.com.cn

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use the device where wireless devices are not allowed.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.

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Documents / Resources



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EAP610, 2AXJ4EAP610, EAP610 Wireless Access Point, EAP610, Wireless Access Point

References

- [TP-Link Community](#)
- [Omada Cloud](#)
- [GPL Code Center | TP-Link](#)
- [TP-Link Product Support - Wireless Networking Equipment Support](#)
- [Download Center | TP-Link](#)
- [Download for Omada Software Controller | TP-Link](#)
- [Support Videos | TP-Link](#)