

Quick Installation Guide

Wireless Wall Plate Access Point



Setup with videos

Scan QR code or visit
<https://www.tp-link.com/support/setup-video/>

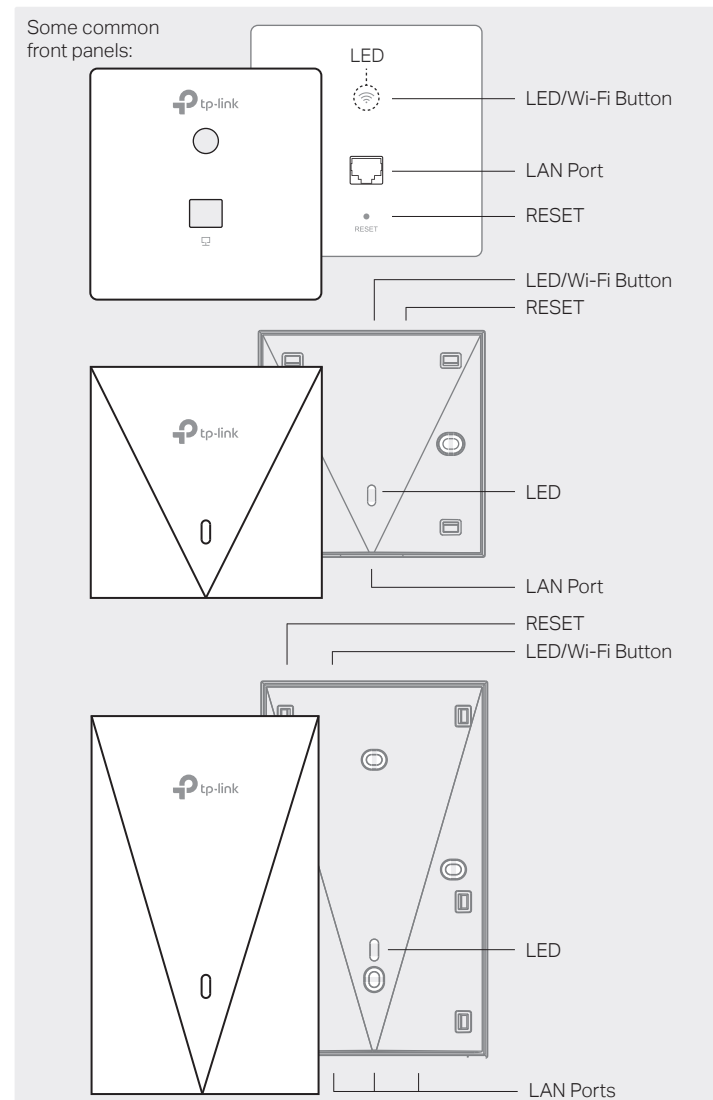


Note: The image may differ from the actual product.

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1 Hardware Overview

Front Panel



LED/Wi-Fi Button

When the EAP is working in Standalone Mode and enabled with Wi-Fi Control, press the button to turn on/off both the Wi-Fi and LED. In the other cases, press the button to turn on/off the LED only.

LAN Port

A wired device can be connected to the LAN port via an Ethernet cable and access the network.

RESET

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

LED Indicator

On: Working normally/Initializing.

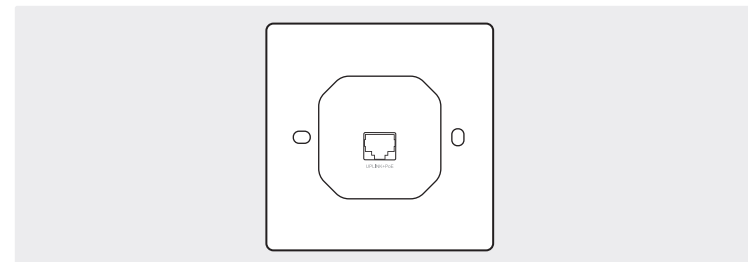
Off: Working abnormally/Power off/LED is turned off.

Flash:

- Flash twice: Initialization is completed.
- Flash once per second: The EAP is upgrading.
- Flash quickly: The EAP is resetting or the Omada Controller is locating the EAP*.

*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



UPLINK+PoE Port

Connected to a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and Power. The PSE supplies 802.3af/at power and complies with PS2 (IEC/EN 62368-1) or Limited Power Source (LPS) (IEC/EN 60950-1).

2 Pre-Installation Checklist

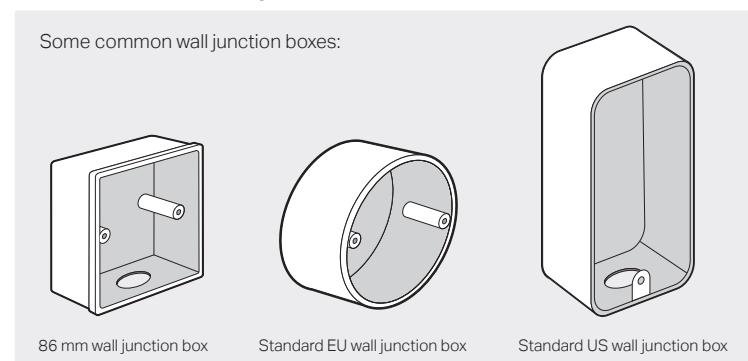
Before installation, be sure that you have the following items:

- A pre-installed wall junction box
- An RJ45 plug
- A triangular screwdriver
- A Phillips screwdriver
- A PoE switch

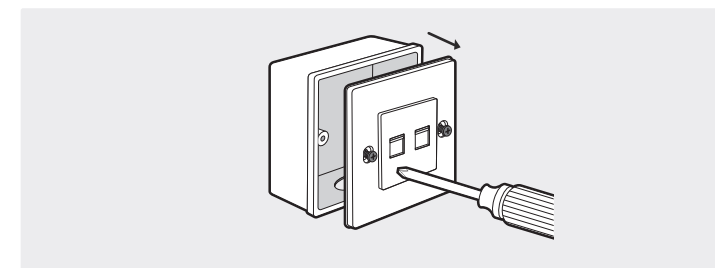
3 Installation Steps

Note: For simplicity, we will take EAP230-Wall for example throughout the Guide.

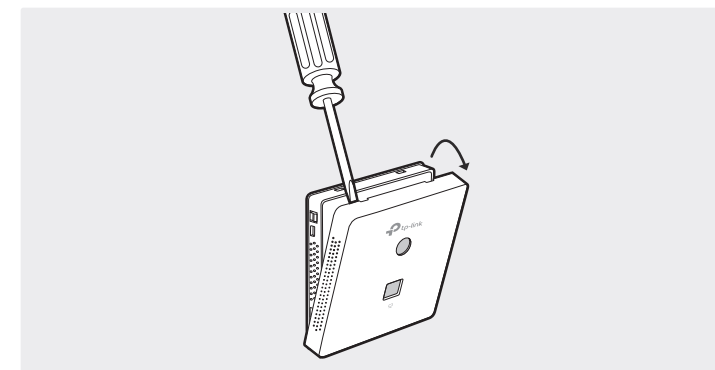
The EAP can be mounted into a wall junction box. The junction box should be pre-installed with a running-in-wall Ethernet cable connected to a PoE switch.



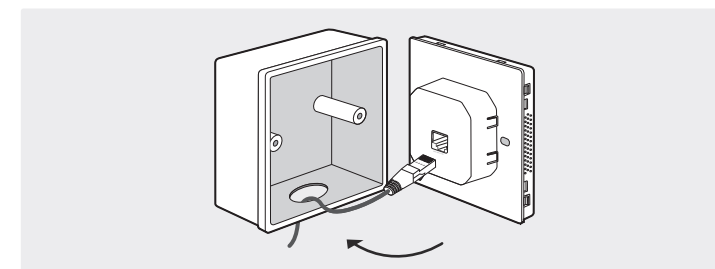
1. Detach the faceplate of the junction box with a Phillips screwdriver (demonstrated with an 86 mm wall junction box).



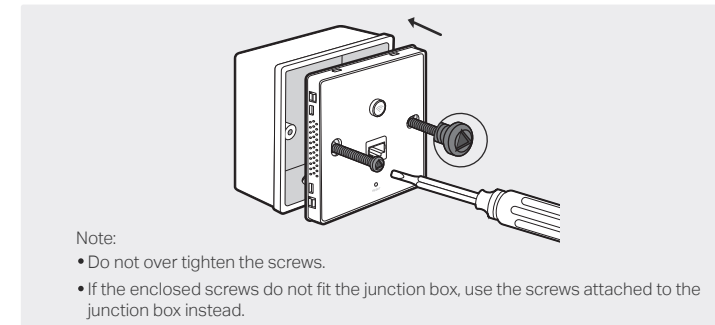
2. Detach the faceplate of the EAP with a screwdriver.



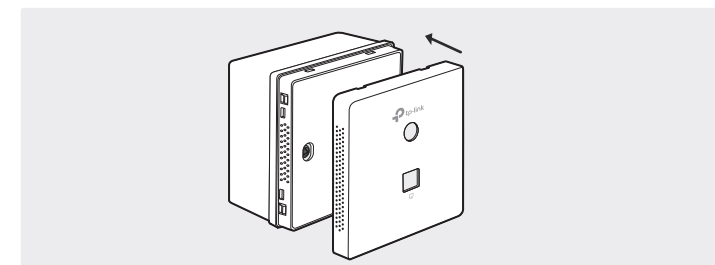
3. Connect the Ethernet cable inside the junction box to an RJ45 plug. Then connect the cable to the UPLINK+PoE port. Position the Ethernet cable to ensure it is not strained.



4. Insert the enclosed screws and tighten them with a triangular screwdriver to secure the mounting bracket.



5. Press the faceplate of the EAP back into position.



4 Software Configuration

Choose a method to set up your EAPs:

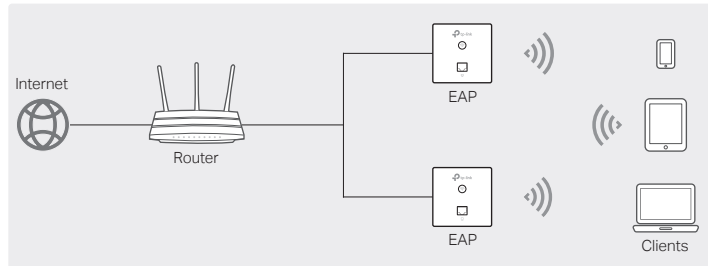
• Method 1: Standalone Mode

To configure and manage EAPs separately (Convenient for a small network with only a few devices)

• Method 2: Controller Mode

To configure and manage EAPs in batches on a central platform, namely Omada Controller

Method 1: Standalone Mode



Note:

- Before you start, be sure to **power up** and **connect** your devices according to the topology figure.
- 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.

Via Omada App

1. Download and install the TP-Link Omada app from App Store or Google Play.



2. Connect your mobile device to the EAP by using the default SSID printed on the label at the bottom of the product.
3. Launch the Omada app, go to the **Standalone Devices > APs** page, and wait for the EAP to appear. Tap on the EAP to configure it.

The Omada app is designed to help you quickly configure common settings. If you want to configure advanced settings, use the web page of your EAP or use Controller Mode.

Via Web Browser

1. Connect your device to the EAP by using the default SSID 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. Then you can configure the EAP.

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

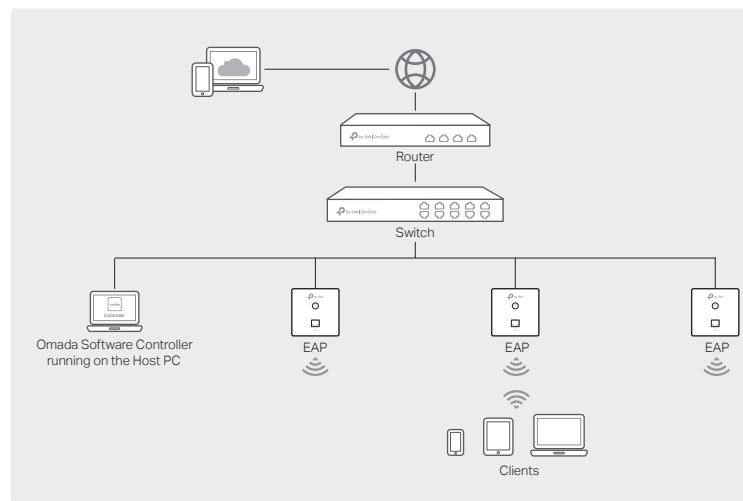
Method 2: Controller Mode

Choose a type of controller:

• Type 1: Omada Software Controller

On a PC with Windows or Linux OS, download the software controller from <https://www.tp-link.com/support/download/omada-software-controller/>. Then run the file and follow the wizard to install and launch the controller.

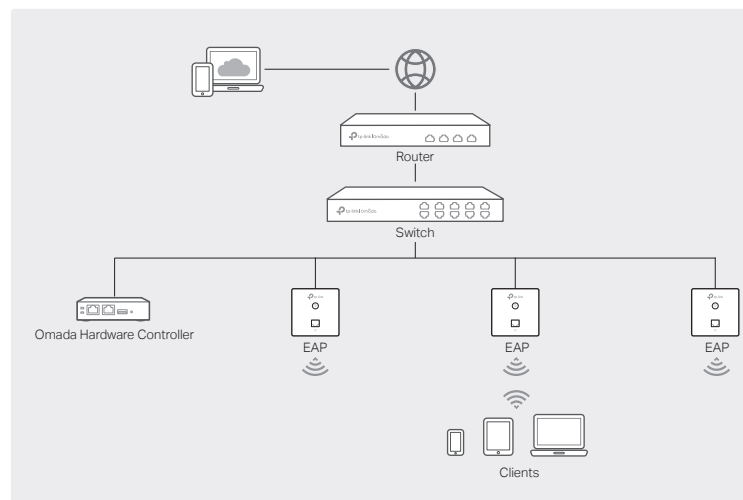
To manage your devices, the software controller needs to keep running on your computer.



• Type 2: Omada Hardware Controller

Omada Hardware Controller is a good alternative if you have no spare PC to keep running the software controller in the network. It needs to be purchased additionally.

For more details, refer to the Installation Guide of your hardware controller.

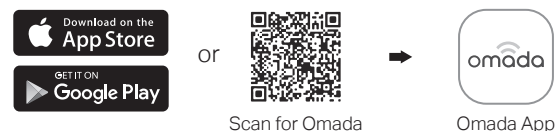


Note:

- Before you start, be sure to **power up** and **connect** your devices according to the topology figure.
- 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.
- Omada Controller must have network access to your Omada devices (the router, switch, and EAPs) in order to find, adopt, and manage them.

Via Omada App

1. Download and install the TP-Link Omada app from App Store or Google Play.



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

• Local Management

- a. Connect your mobile device to the EAP by using the default SSID printed on the label at the bottom of the product.
- b. Launch the Omada app, go to **Local Access**, and tap the + button on the upper-right corner to add the controller. Then you can launch the controller to adopt and manage devices.

• Remote Management

Note: Before you start, make sure that both your controller and mobile device can access the internet.

• For Omada Software Controller

- a. Make sure that **Cloud Access** is enabled on your controller and your controller has been bound with your TP-Link ID.
- b. Launch the 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 launch the controller to adopt and manage devices.

• For Omada Hardware Controller

- a. Make sure that **Cloud Access** is enabled on your controller. By default, **Cloud Access** is enabled. Make sure that the Cloud LED is flashing slowly.
- b. Launch the Omada app and log in with your TP-Link ID. Then go to **Cloud Access**. Tap the + button on the upper-right to add your controller. Then you can launch the controller to adopt and manage devices.

Via Web Browser

1. Open the controller's web page.

• For Omada Software Controller

Launch the software controller on your PC. After the initiation process, the controller automatically opens its web page. If not, click **Launch a Browser to Manage the Network**.

• For Omada Hardware Controller

Find the IP address of the hardware controller on your gateway router's DHCP client list. Enter the IP address in the address bar to open its web page.

2. On the controller's web page, follow the wizard to complete the quick setup. Then you can launch the controller to adopt and manage devices.
3. (For Remote Management) You can remotely access and manage your controller via Omada Cloud Service.

Note: Before you start, make sure that both your controller and PC can access the internet.


• For Omada Software Controller


Refer to its User Guide.

• For Omada Hardware Controller

- a. Make sure that **Cloud Access** is enabled on your controller. By default, **Cloud Access** is enabled. Make sure that the Cloud LED is flashing slowly.
- b. Launch a web browser and enter <https://omada.tplinkcloud.com> in the address bar. Enter your TP-Link ID and password to log in. Click **+ Add Controller** and choose **Hardware Controller** to add your controller. Then you can manage your devices remotely.

For the detailed configurations, refer to the User Guide of the controller and EAPs. The guides can be found on the download center of our official website: <https://www.tp-link.com/support/download/>.

 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.



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.

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2011/65/EU and (EU) 2015/863.

The original EU Declaration of Conformity may be found at <https://www.tp-link.com/en/support/ce/>

UK Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017.

The original UK Declaration of Conformity may be found at <https://www.tp-link.com/support/ukca/>

