Quick Installation Guide

Wireless Wall Plate Access Point

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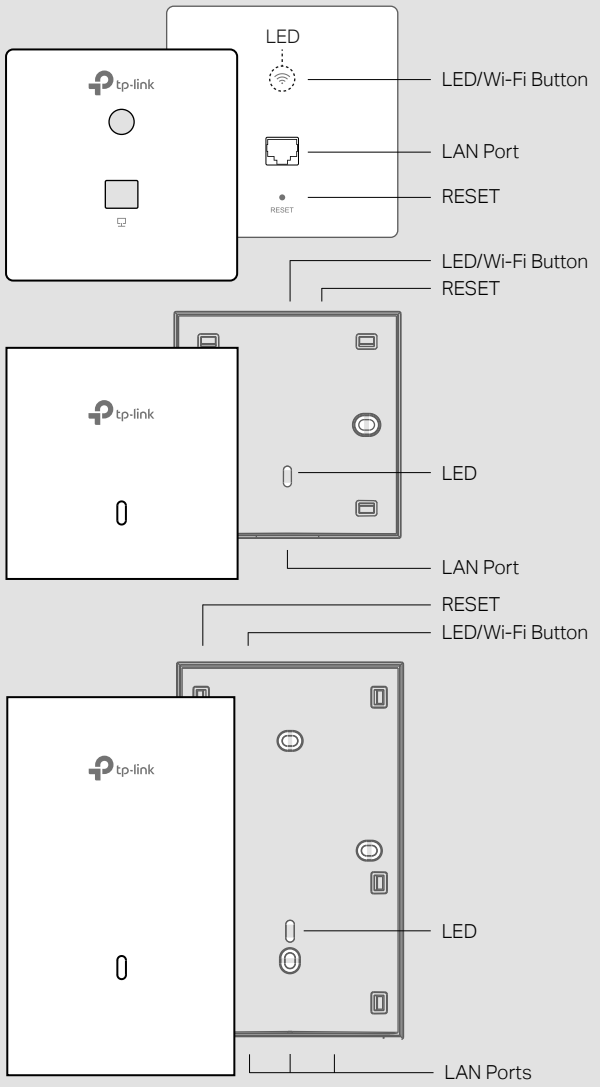
Note: The image may differ from the actual product.

1 Hardware Overview

Front Panel

Some common front panels:



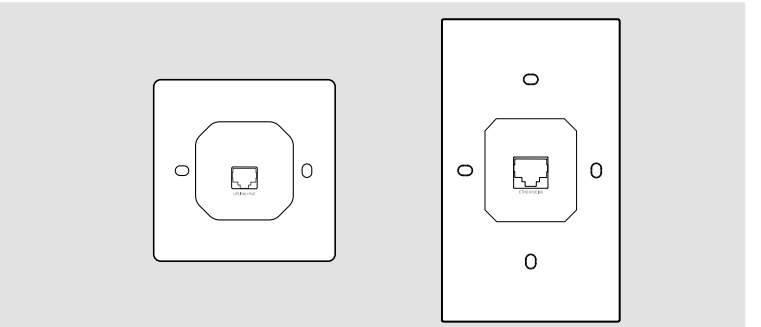
LED/Wi-Fi Button
When the EAP is working in Standalone Mode and enabled with Wi-Fi Control, press the button to turn on/off both the Wi-Fi and LED. In the other cases, press the button to turn on/off the LED only.

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
White On: Working normally/Initializing.
For EAPs with dual-color LED: Normal power supply
Orange On: For EAPs with dual-color LED: Low power supply
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 EAP's LED will flash quickly for 10 minutes to help you locate and identify the device. You can disable this feature manually to stop the device from flashing.
- Sustained flash: The EAP is in isolated state.*
  * Only for EAPs supporting Omada Mesh.

Rear Panel



UPLINK+PoE Port / ETH0 (PoE IN) Port
Connect to a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and power supply. The PSE shall comply with Power Source Class 2 (PS2) or Limited Power Source (LPS) of IEC 62368-1.

2 Pre-Installation Checklist

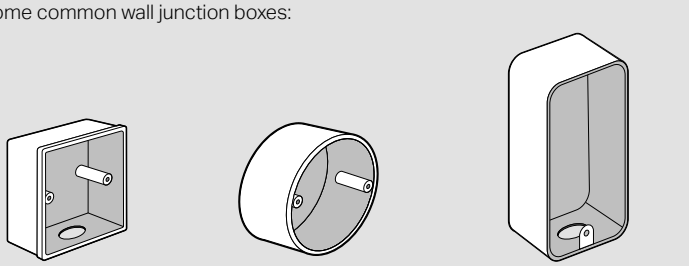
Before installation, be sure that you have the following items:
- A pre-installed wall junction box
- An RJ45 plug
- Screwdrivers
- A PoE switch

3 Hardware Installation

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

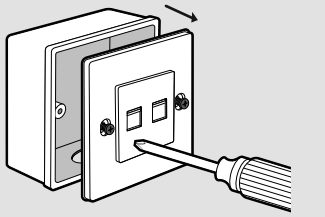
The EAP can be mounted into a wall junction box. The junction box should be pre-installed with a running-in-wall Ethernet cable connected to a PoE switch.

Some common wall junction boxes:

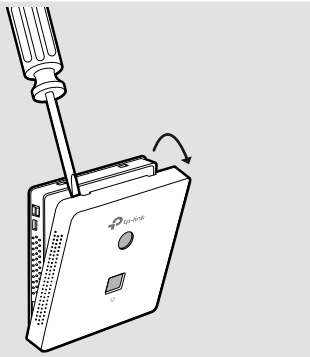


86 mm wall junction box | Standard EU wall junction box | Standard US wall junction box

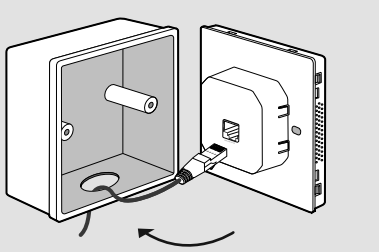
1. Detach the faceplate of the junction box with a screwdriver (demonstrated with an 86 mm wall junction box).



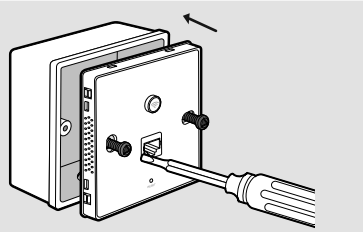
2. Detach the faceplate of the EAP with a screwdriver.



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

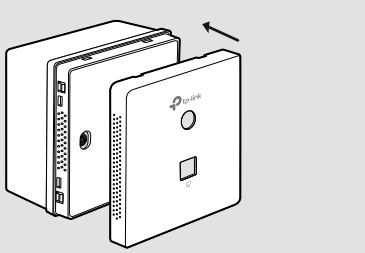


4. Insert the enclosed screws and tighten them with a screwdriver to secure the mounting bracket.



Note:
- Do not over tighten the screws.
- If the enclosed screws do not fit the junction box, use the screws attached to the junction box instead.

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



4 Set Up

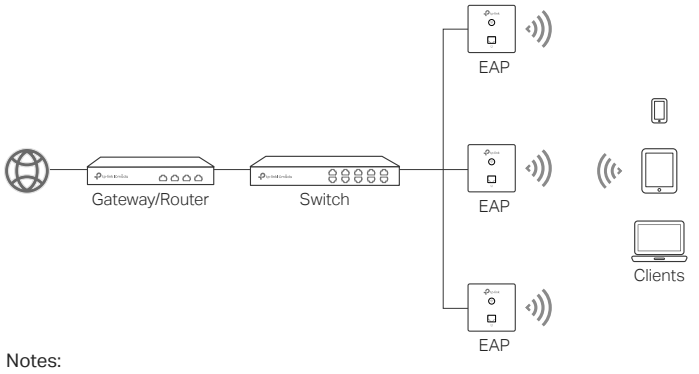
Choose a method to set up your EAPs:

- **Method 1: Standalone Mode**
  Configure and manage EAPs separately (Convenient for a small network with only a few devices)
- **Method 2: Controller Mode**
  Configure and manage EAPs in batches on a central platform, namely Omada Controller.

Method 1: Standalone Mode

If your network has only a few devices, you can configure and manage EAPs separately on their web pages.

Note: The EAP web page is inaccessible while the EAP is managed by a Controller.



Notes:

- Before you start, be sure to power up and connect your devices according to the topology figure.
- A DHCP server (typically a gateway/router with the DHCP function enabled) is required to assign IP addresses to the EAPs and clients in your local network.

Via Web Browser

1. Connect your device to the EAP by using the default SSIDs printed on the label of the product.
2. Launch a web browser and enter **https://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. Then you can configure the AP.

Via Omada App

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

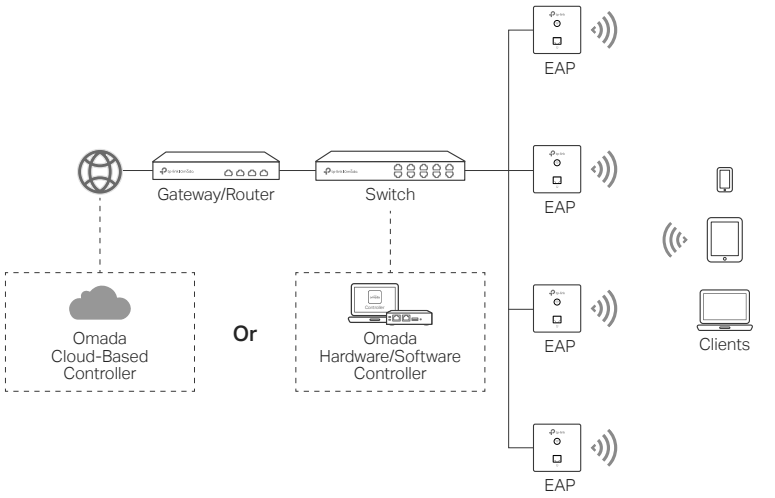
Download on the App Store
GET IT ON Google Play
or
Scan for Omada
omada
Omada

2. Connect your mobile device to the EAP by using the default SSIDs printed on the label of the product.
3. Launch the Omada App, go to the **Standalone Mode > EAPs** 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.

Method 2: Controller Mode

Omada Controller integrates Omada gateways/routers, switches, access points, and more for centralized management.



Notes:

- A DHCP server (typically a gateway/router with the DHCP function enabled) is required to assign IP addresses to the EAPs and clients in your local network.
- The Omada Controller must have network access to your Omada devices (the gateways/routers, switches, and EAPs) in order to find, adopt, and manage them.

Via Web Browser

1. Get an Omada Controller ready.
   - **Option 1: Omada Hardware Controller**
     Obtain a Hardware Controller and refer to its Installation Guide to set it up.
   - **Option 2: 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 set up the Controller.
     Note: To manage your devices, the Software Controller needs to keep running on your PC.
   - **Option 3: Omada Cloud-Based Controller**
     Go to the Omada Portal (**https://omada.tplinkcloud.com**) and log in with your TP-Link ID. Then click **+ Add Controller** to add a Cloud-Based Controller and set it up.
2. Launch the Controller, access your site, and go to the **Devices** page.
3. Now you can adopt and manage the EAPs.

   Tip:
   For the Omada Hardware/Software Controller, you are recommended to enable Cloud Access and bind it to your TP-Link ID. This enables you to remotely access and manage the Controller and Omada devices via Omada Portal (**https://omada.tplinkcloud.com**).

   For detailed configurations, refer to the User Guide of the Controller at our official website: **https://www.tp-link.com/support/download/?type=smb**

Via Omada App

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

Download on the App Store
GET IT ON Google Play
or
Scan for Omada
omada
Omada

2. Add the Controller with local access or cloud access.
   - **Local Access**
     Note: Local access applies to the Hardware Controller and Software Controller only.
     a. Connect your mobile device to the EAP by using the default SSIDs printed on the label of the product.
     b. Launch the Omada App and go to **Controller - Local Access**. Tap the + button on the upper-right corner to add the Controller.
   - **Cloud Access**
     a. Launch the Omada App and go to **Controller - Cloud Access**.
     b. Log in with your TP-Link ID. A list of Controllers that have been bound with your TP-Link ID will appear.
3. Launch the Controller, access your site, and go to the **Devices** page.
4. Now you can adopt and manage the EAPs.

   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 Controller.

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.
- The PoE ports shall not be used to charge lithium batteries or devices supplied by lithium batteries.

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/**

For detailed configurations, refer to the user guides 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/?type=smb**.

For technical support, the user guide and other information, please visit **https://www.tp-link.com/support/?type=smb**, or simply scan the QR code.