

Quick Installation Guide

Wireless Access Point



Setup with videos

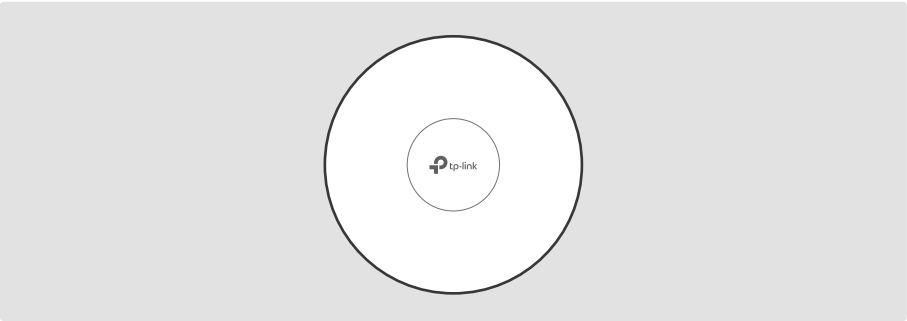
Visit <https://www.tp-link.com/support/setup-video/?type=smb> or scan the QR code to search for the setup video of your product model.



Note: EAP650 is used as an example throughout the Guide. Images may differ from your actual product.
©2024 TP-Link 7106511712 REV2.0.0

1 Hardware Overview

Front Panel



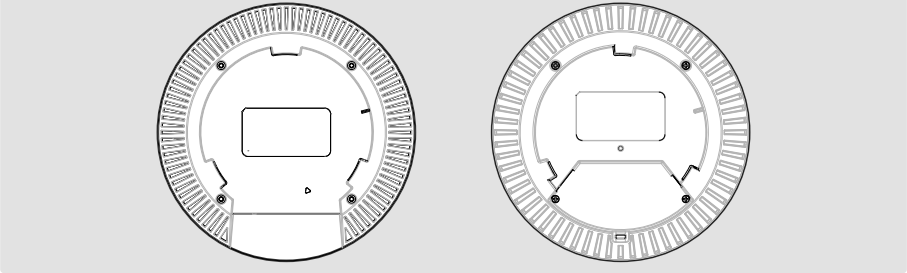
LED Indicator

- Blue 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 complete.
 - **Flash quickly:** The EAP is resetting, or the Omada Controller is locating the device*.
 - **Flash once per second:** The EAP is upgrading.
 - **Sustained on with brief off:** The EAP is in the isolated state.

* When the Locate feature is activated in the Omada Controller, the 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.

Rear Panel

Common rear panels:



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 its factory settings.

Ethernet Port: ETH (PoE)

Connect to a gateway/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.

Notes:

1. For EAPs with 10Gbps port, if you use a Cat 5E cable, the 10Gbps link of the Ethernet port is less than 55m. To achieve a longer transmission distance, use a shielded Cat 6A cable.
2. For ultra-slim products with limited space for Ethernet ports, Cat 7 and Cat 8 network cables may be incompatible due to the lack of a standard buckle design.

Power Port

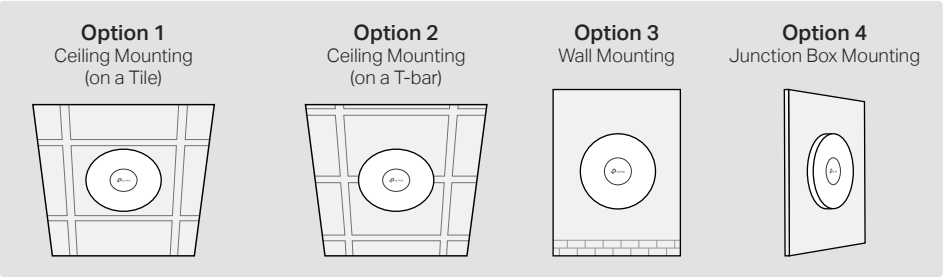
Connect to a standard electrical wall outlet via a power adapter to power the EAP.

Note: Power adapter is not included in the package contents of certain models. For details, refer to the product specifications or datasheet. For power supply specifications, refer to the product label.

2 Hardware Installation

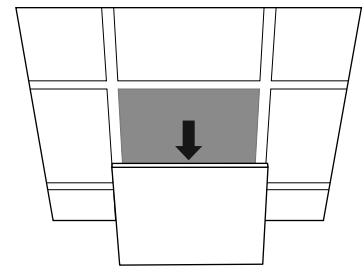
The EAP can be mounted to the ceiling, the wall, or in a junction box, using the accessories in the package. Choose a mounting option below.

Note: This product requires heat dissipation through the metal bracket during use. Please be careful not to touch the metal bracket in the heat dissipation.

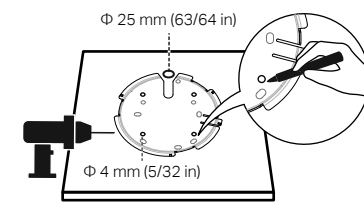


Option 1: Ceiling Mounting (on a Tile)

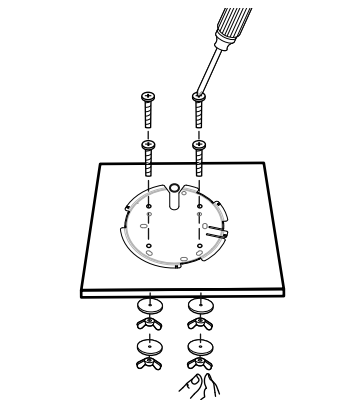
Note: Make sure that the ceiling tile is larger than the EAP.



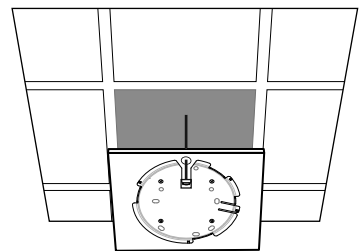
- 1 Remove a ceiling tile.



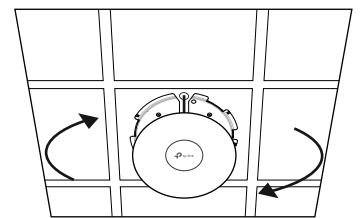
- 2 Place the mounting bracket in the center of the ceiling tile.
Mark positions for the screw holes and the Ethernet cable hole, then drill holes at the marked positions.



- 3 Secure the mounting bracket to the ceiling tile using pan-head screws, washers, and wing nuts.



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

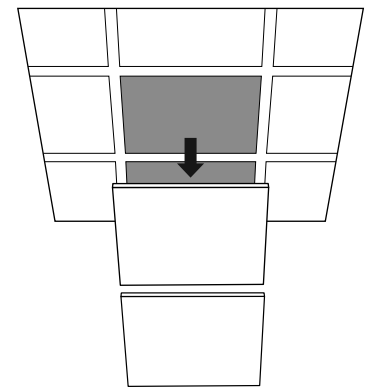


- 5 Connect the Ethernet cable to the Ethernet port on the EAP.
Attach the EAP to the mounting bracket, then rotate it until it locks into place.

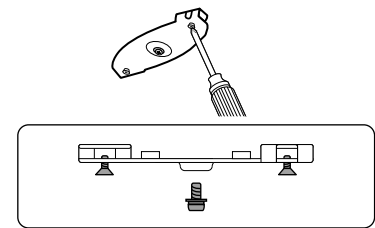
Option 2: Ceiling Mounting (on a T-bar)



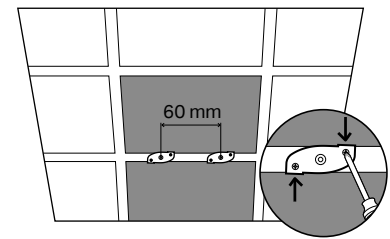
T-bar Mounts



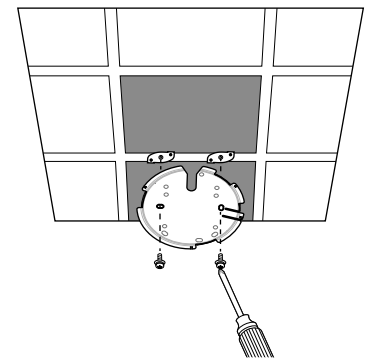
- 1 Remove the ceiling tiles next to a T-bar.



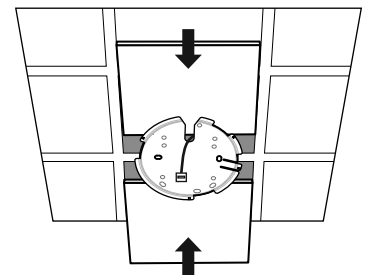
- 2 Detach the mounting screw and loosen the set screws of each T-bar mount.



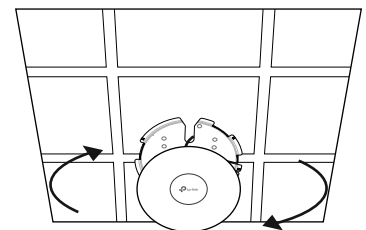
- 3 Place the T-bar mounts against the T-bar and turn clockwise.
Tighten the set screws.



- 4 Secure the mounting bracket to the T-bar mounts using the mounting screws.

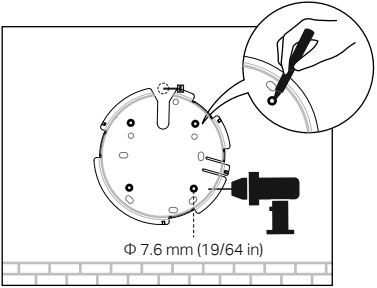
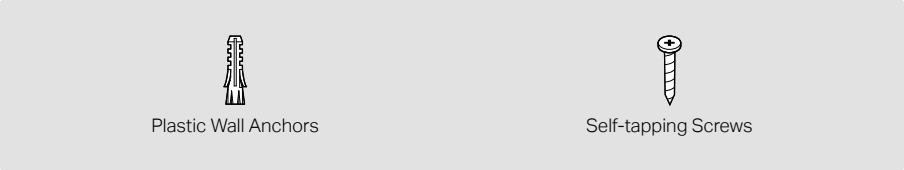


- 5 Route the Ethernet cable through the square cable hole on the mounting bracket.
Set the ceiling tiles back into place.

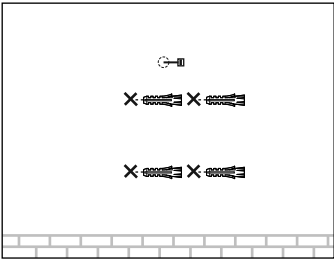


- 6 Connect the Ethernet cable to the Ethernet port on the EAP.
Attach the EAP to the mounting bracket, then rotate it until it locks into place.

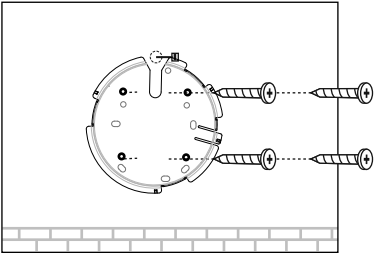
Option 3: Wall Mounting



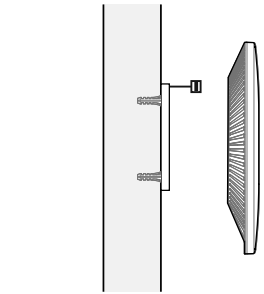
1
If your Ethernet cable feeds through the wall, position the mounting bracket below the cable hole.
Mark positions for the screw holes, then drill holes at the marked positions.



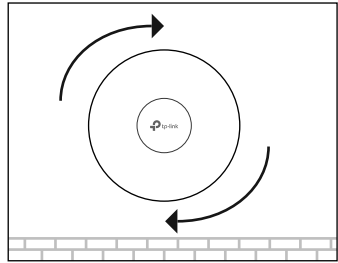
2
Insert the plastic wall anchors into the holes.



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.



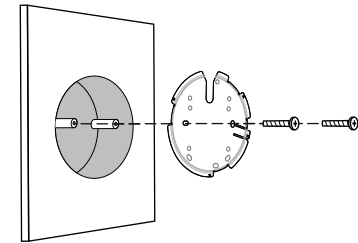
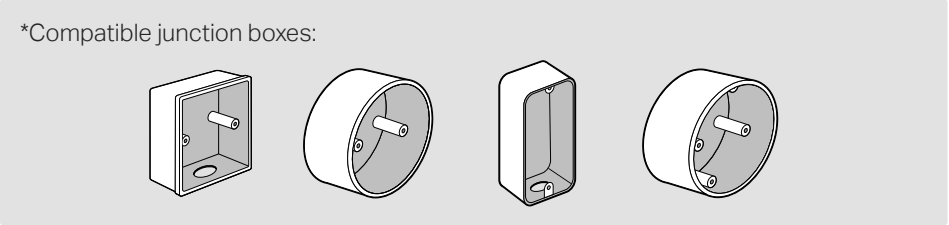
4
Connect the Ethernet cable to the Ethernet port on the EAP.



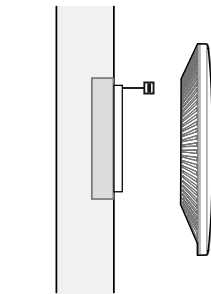
5
Attach the EAP to the mounting bracket, then rotate it until it locks into place.

Option 4: Junction Box Mounting

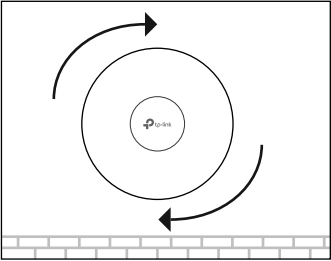
Prepare the cables and the junction box in advance. Ensure that the mounting holes align to your junction box.



1
Route the cables through the square cable hole on the mounting bracket, and secure the mounting bracket to the junction box using screws.



2
Connect the Ethernet cable to the Ethernet port on the EAP.



3
Attach the EAP to the mounting bracket, then rotate it until it locks into place.

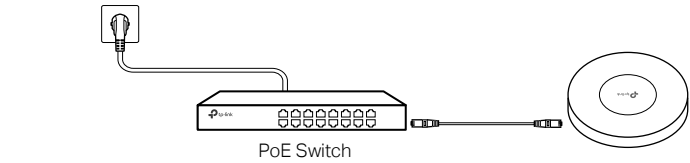
3 Power Supply

Power on the EAP by a power adapter or a PSE device (such as a PoE switch).

Option 1: Via PoE Switch

Connect the EAP to a PoE switch via an Ethernet cable.

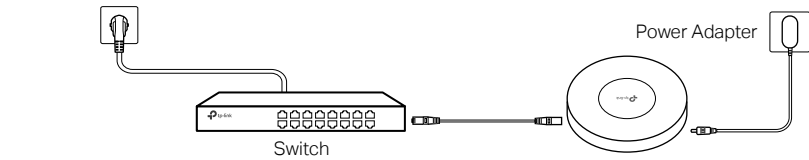
Note: For PoE power supply specifications, refer to the product label.



Option 2: Via Power Adapter

Connect the EAP to a standard electrical wall outlet via a power adapter.

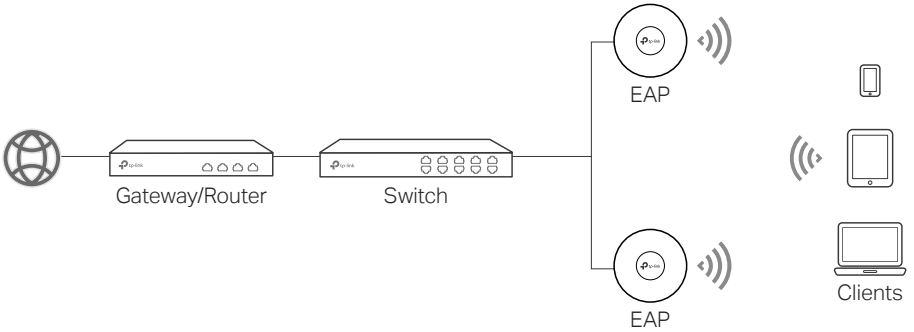
Note: Power adapter is not included in the package contents of certain models. For details, refer to the product specifications or datasheet. For power supply specifications, refer to the product label.



4 Software Configuration

Option 1: Standalone Mode

Configure and manage EAPs separately on the standalone web page (<https://tplinkeap.net>).
Note: The EAP's standalone web page is inaccessible while the EAP is managed by a Controller.

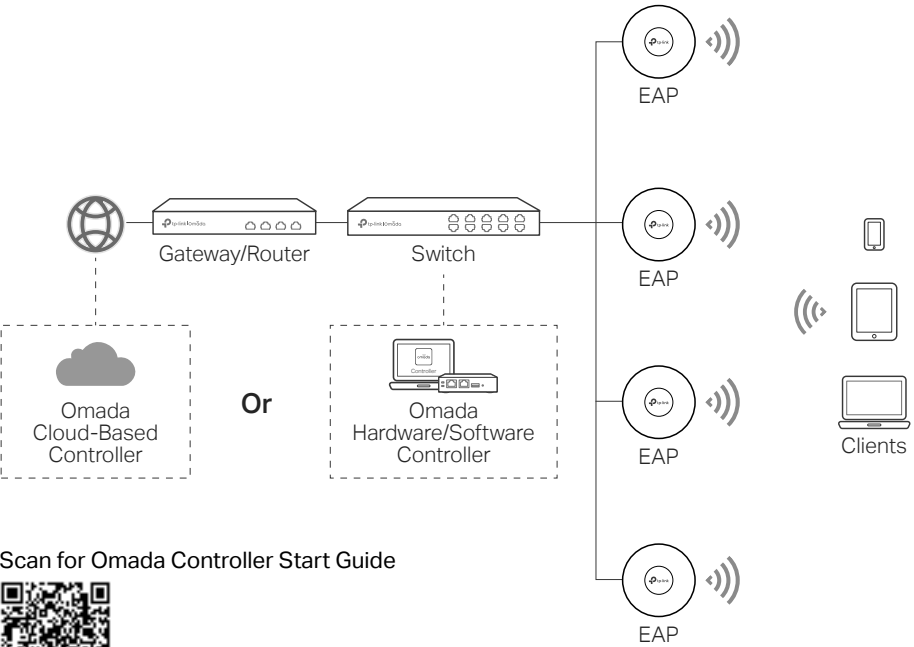


Scan for Standalone EAP Start Guide



Option 2: Controller Mode

Configure and manage EAPs (and other Omada devices) in batches on an Omada Controller.



Scan for Omada Controller Start Guide



For more configurations, refer to the user guides of the Controller and EAPs. The guides can be found in the download center of our official website:
<https://www.tp-link.com/support/download/?type=smb>

Omada App

With the TP-Link Omada app, you can access and manage your Omada devices at a local site or remotely with a tap on your phone. You can download and install the TP-Link Omada app from the App Store or Google Play.



OR



Scan for Omada



Omada

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.
- The EAP can be powered only by a power adapter or a PSE device (such as a PoE switch) which complies with Power Source Class 2 (PS2) or Limited Power Source (LPS) of IEC 62368-1.



TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 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/>

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/>



To ask questions, find answers, and communicate with TP-Link users or engineers, please visit <https://community.tp-link.com/business> to join TP-Link Community.



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.

