Quick Installation Guide

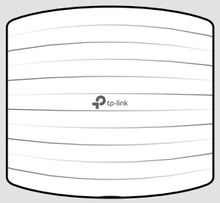
Wireless Access Point

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: Images may differ from your actual product.

1 Hardware Overview

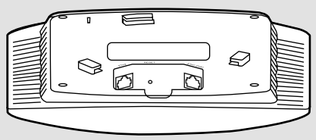
Front Panel



LED Indicator

- **Solid Green**: The device is initializing or working properly.
- **Flashing Green Slowly**: The device is in an isolated state.
- **Flashing Yellow**: The device is working abnormally.
- **Flashing Yellow, Green**: The device is updating. Do not disconnect or power off the device.
- **Quickly Flashing Yellow, Green**: The device is being reset to its factory default settings.

Rear Panel



RESET

With the device powered on, press and hold the button for about 5 seconds until the LED is quickly flashing yellow then green, then release the button. The device will restore to factory default settings.

ETH1 (PoE) (For EAP225 / EAP223 / EAP245 / EAP265 HD)

The port is used to connect to the PoE port of the provided PoE adapter or a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and Power over Ethernet (PoE) through Ethernet cable.

ETH2 (For EAP245 / EAP265 HD)

The port is a Gigabit Ethernet port used for bridging.

Note: For EAP245 V4, ETH2 supports Passive PoE Out, and the power consumption of its downlink terminal devices should not exceed 5W.

ETHERNET (For EAP110 / EAP115)

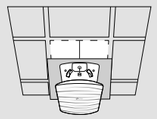
The port is used to connect to a gateway/router or a switch to transmit data, or to a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and Power over Ethernet (PoE) through Ethernet cable.

POWER (For EAP115)

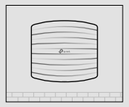
Plug one end of the provided power adapter to this port and the other end to a standard electrical wall outlet to power the EAP.

2 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.



Option 1: Ceiling Mounting



Option 2: Wall Mounting

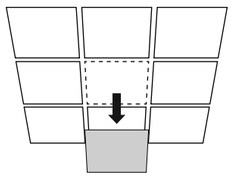
Option1: Ceiling Mounting

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

Washers

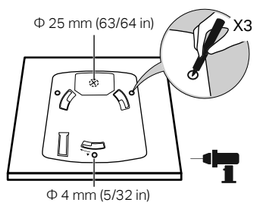
Pan-head Screws

Wing Nuts



1

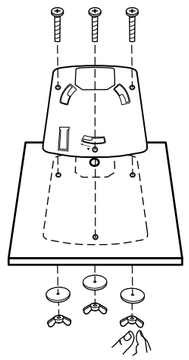
Remove the ceiling tile.



2

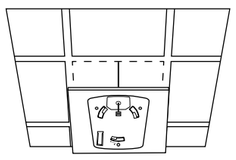
Place the mounting bracket in the center of the ceiling tile. Mark three positions for the screw holes and a position for the Ethernet cable hole.

Drill holes for the screws and a hole for the Ethernet cable at the marked positions.



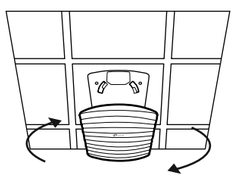
3

Secure the mounting bracket to the ceiling tile using 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

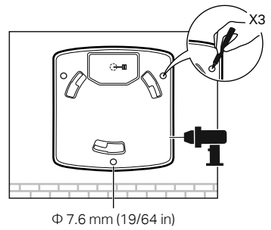
Connect the Ethernet cable to the ETHERNET port. Attach the EAP to the mounting bracket by aligning the arrow mark ▲on the EAP with the arrow mark on the mounting bracket, then rotate the EAP until it locks into place, as shown on the left.

Option2: Wall Mounting

Note: For security reasons, it is not recommended to install the EAP with the louver downward.

Plastic Wall Anchors

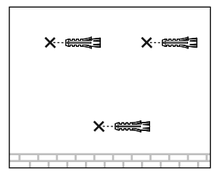
Self-tapping Screws



1

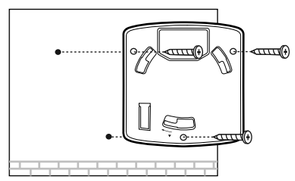
If your Ethernet cable feeds through the wall, you can position the mounting bracket to make the cable through the fixing hole.

Mark three positions for the screw holes and then drill holes at the marked positions.



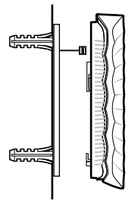
2

Insert the plastic wall anchors into the holes.



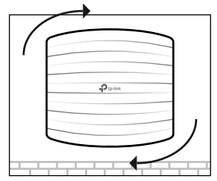
3

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.

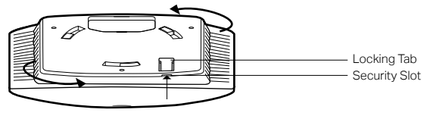


5

Attach the EAP to the mounting bracket by aligning the arrow mark ▲on the EAP with the arrow mark ▲ on the mounting bracket, then rotate the EAP until it locks into place, as shown on the left.

Tip:

To remove the EAP from the mounting bracket, insert a paper clip in the Security Slot to release the Locking Tab and rotate the EAP until it is detached from the mounting bracket, as shown below.



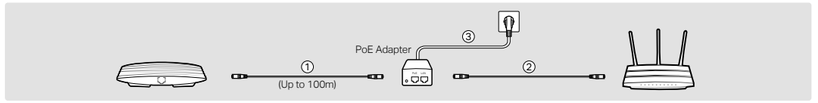
3 Power Supply

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.

Option 1: Via PoE Switch (For EAP115 / EAP225 / EAP223 / EAP245 / EAP265 HD)

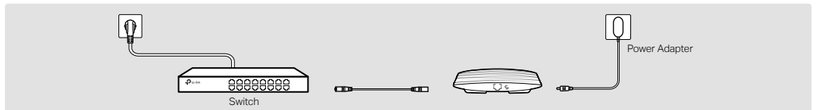
Connect an Ethernet cable from the PoE switch to the Ethernet port (ETH1 for EAP245 / EAP265 HD).

Option 2: Via PoE Adapter (For EAP110 / EAP225 / EAP223 / EAP245 / EAP265 HD)



1. Connect the Ethernet cable from the Ethernet port (ETH1 for EAP245 / EAP265 HD) of the EAP device to the provided PoE adapter's PoE port.
2. Connect an Ethernet cable from your LAN to the PoE adapter's LAN port.
3. Connect the power cord to the adapter's power socket. Connect the other end of the power cord to a standard electrical wall outlet.

Option 3: Via Power Adapter (For EAP115)



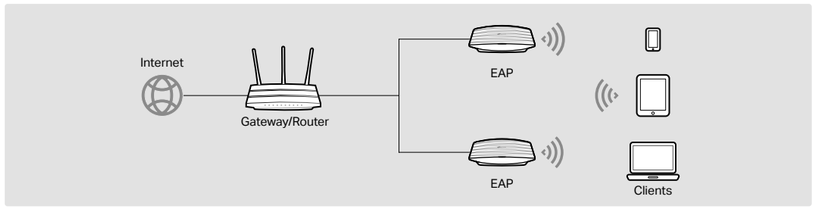
Plug one end of the provided power adapter into the POWER port of the EAP and the other end to a standard electrical wall outlet.

4 Software Configuration

Choose from the following methods 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 gateway/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 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 printed on the label at the bottom 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.

Via Web Browser

1. Connect wirelessly by using the default SSID printed on the label at the bottom 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 purpose. Modify the wireless parameters and reconnect your wireless devices to the new wireless network.

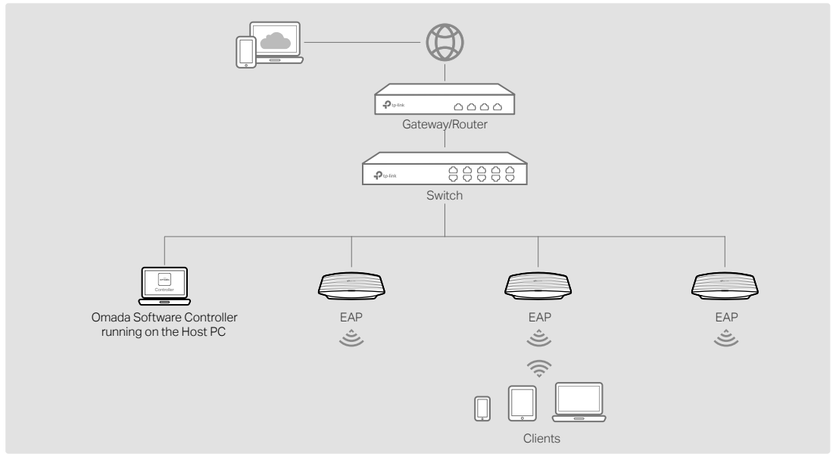
Method 2: Controller Mode

Choose from the following two types of Omada Controller:

- **Type 1: Omada Software Controller**

  On a PC with Windows OS or Linux OS, download the Omada 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 Omada Software Controller.

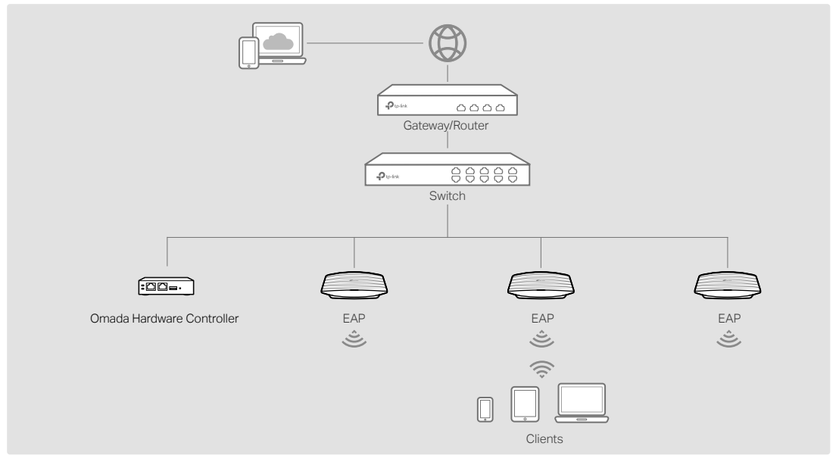
  To manage your devices, Omada Software Controller needs to keep running on your computer.



- **Type 2: Omada Hardware Controller**

  Omada Hardware Controller is a good alternative if you have no spare PC to keep running Omada 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 gateway/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 gateway/router, switch, and EAPs) in order to find, adopt, and manage them.

Via 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
     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 Omada App and go to **Local Access**, 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 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 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 Omada Controller's web page.

   ∗ For Omada Software Controller

   Launch the Omada 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

   As the Hardware Controller gets its IP address from the DHCP server of the gateway/router, you can find its IP address out on your gateway/router's DHCP client list.

   a. Find your gateway/router's IP address. Open the command line on your PC and enter **ipconfig**. In the result list, find the **Default Gateway**, which is also the gateway/router's IP address.
   b. Launch a web browser and enter your gateway/router's IP address. Log into the gateway/router's web page, and both the username and password are **admin** by default. Then go to **Network > LAN > DHCP Client List** to find your controller's IP address.
   c. Enter your controller's IP address in the address bar to open its web page.

2. On the Omada Controller's web page, follow the wizard to complete the quick setup.
3. After the quick setup, the login page appears. Enter the username and password you have created and click **Log in**. Then you can launch the controller to adopt and manage devices.
4. (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 your PC 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. On the Omada Controller's web page, go to **Settings > Cloud Access** to enable Cloud Access and bind your TP-Link ID. If you have set it up in the quick setup, skip this step.
     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. 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 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 launch the controller to adopt and manage devices.

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.

For models except EAP115:

- The socket-outlet shall be installed near the equipment and shall be easily accessible.
- The plug on the power supply cord is used as the disconnect device， the socket-outlet shall be easily accessible.
- Plug the product into the wall outlets with earthing connection through the power supply cord.

For detailed configurations, refer to the user guides of the Controller and EAPs. The guides can be found at our Download Center: **https://www.tp-link.com/support/download/?type=smb**

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.