TP-LINK®
The Reliable Choice

Quick Installation Guide

Wireless N Gigabit Access Point

EAP110 / EAP120 / EAP220

1 Network Topology Requirement

Internet

EAP Controller

Controller Host   Router   Switch

EAP

EAP

EAP
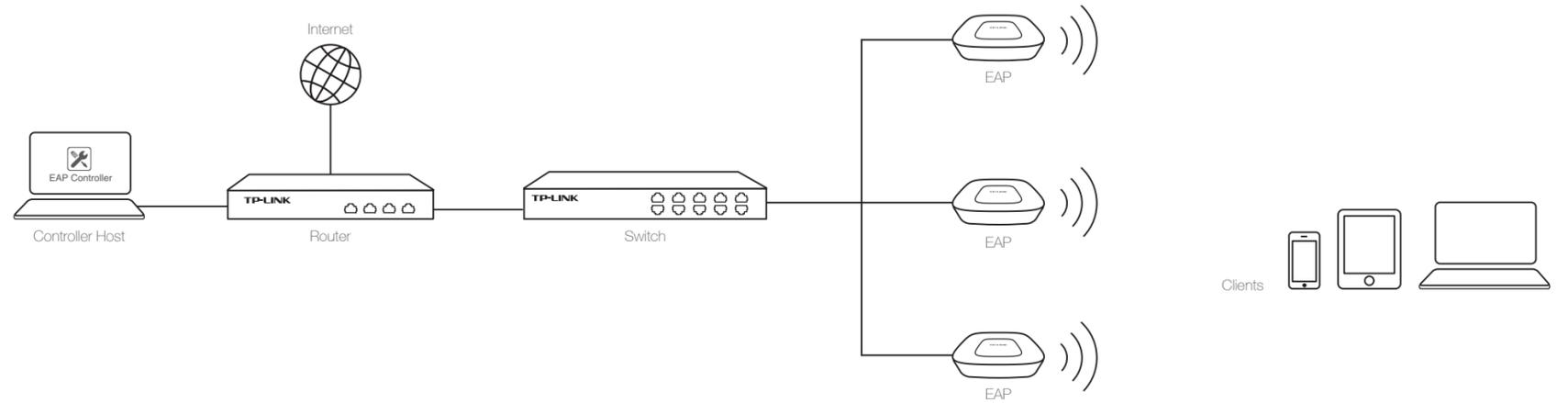
Clients

- A DHCP server (typically a router) is required to assign IP addresses to the EAP and clients in your local network.
- A computer running the EAP Controller software, which can be in the same or different subnet with the EAPs.

2 Hardware Overview

LED Indication

TP-LINK

▬ **Solid green**	▬▬▬ **Flashing yellow**
The device is working properly.	Firmware update is in progress. Do not disconnect or power off the device.
▬▬▬ **Flashing red**	▬▬▬ **Double-flashing red, green, yellow**
System errors. RAM, Flash, Ethernet, WLAN or firmware may be malfunctioning.	The device is being reset to its factory default settings.

Interface Panel

EAP110

RESET   ETHERNET

EAP120 / EAP220

RESET   CONSOLE   ETHERNET   ON/OFF   POWER
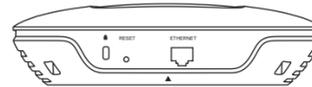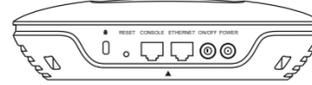
RESET
With the device powered on, press and hold the button for about 8 seconds until the LED flashes red, then release the button. The device will restore to factory default settings.

CONSOLE (EAP120/220)
The port is used to connect to the serial port of a computer or a terminal to check and monitor system information of the EAP device.
CLI commands are not available in current software version. We will release a new version supporting CLI commands soon. Please pay close attention to our official website.

ETHERNET
(EAP110)The port is to connect to the POE port of the provided PoE adapter for both data transmission and power supply through Ethernet cabling.
(EAP120/220)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 cabling.
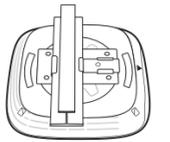
ON/OFF (EAP120/220)
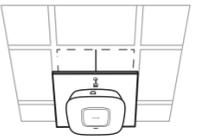Press this button to turn on or turn off the EAP device.

3 Hardware Installation

The EAP can be ceiling rail mounted, ceiling-mounted, and wall-mounted.
The instructions for various mounting options are on the back of this Quick Installation Guide.
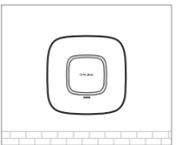
Option 1: Ceiling Rail Mounting
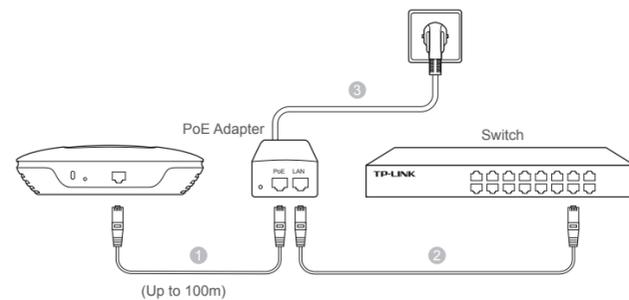

Option 2: Ceiling Mounting

Option 3: Wall Mounting

4 Power Supply

EAP110

EAP110 can be powered with the provided PoE adapter.

PoE Adapter   Switch
③
TP-LINK
PoE   LAN
①   ②
(Up to 100m)

1. Connect the ETHERNET port to the POE port of the PoE adapter using an Ethernet cable. The cable length can be up to 100 meters.
2. Connect the Ethernet cable from the switch to the LAN port of the PoE adapter.
3. Plug the female connector of the provided power cord into the PoE adapter, and the male connector to a power outlet.
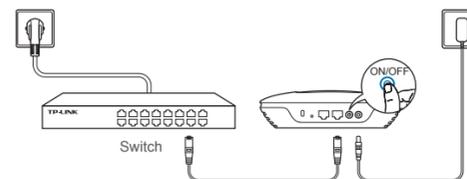
EAP120 / EAP220

EAP120/220 can be powered via a PSE device (such as a PoE switch) or a power adapter.

Via PoE Switch

ON/OFF
TP-LINK
PoE Switch

Via Power Adapter

ON/OFF
TP-LINK
Switch
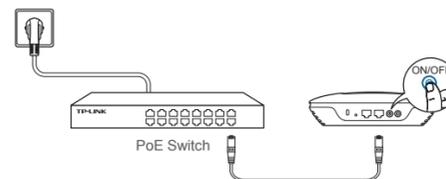
1. (Via PoE Switch) Connect the Ethernet cable from the PoE switch to the ETHERNET port.
   (Via Power Adapter) Plug one end of the provided power adapter into the POWER port of the EAP and the other end to a standard electrical wall outlet.
2. Press the ON/OFF button on the interface panel of the EAP.

5 Software Configuration

To quickly set up a wireless network connection with mass EAPs, please follow the steps below.
Note: The IP address of the management computer must be reachable for the EAPs in the network.

Step 1: Installing the EAP Controller
Find the EAP Controller application file from our website at www.tp-link.com. Run the file and follow the wizard to install the EAP Controller on the computer.

Step 2: Configuring the EAP Controller
Launch the EAP Controller and follow the configuration wizard to create a primary wireless network. After the wizard is finished, a login screen will appear. Enter the admin name and password you created and click **Sign In**.

Step 3: Adopting the EAP devices
Adopt the EAP devices in the Controller management interface to change the status from **pending** to **connected**.

For More Configurations
Now you can manage your wireless network and view network statistic using the EAP Controller. Please refer to the EAP Controller User Guide to learn more information on configuring and using the Controller software.
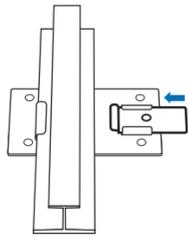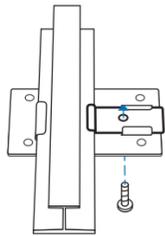
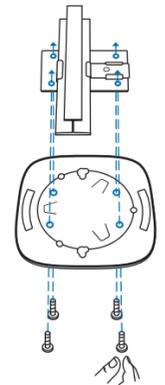## Option 1: Ceiling Rail Mounting
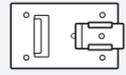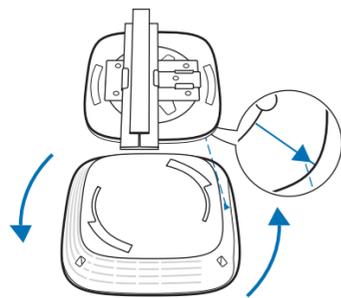
Ceiling T-rail Clip   M3×6 Pan-head Screws
(Qty.5)

1
Position the Ceiling T-rail Clip and push the movable part toward the rail base.

2
Use an M3×6 pan-head screw to secure the T-rail Clip onto the ceiling rail.

3
Attach the mounting bracket to the Ceiling T-rail Clip using four M3x6 pan-head screws.

4
Attach the EAP to the mounting bracket by aligning ARROW 1 (on the EAP) with ARROW 2 (on the mounting bracket), then rotate the EAP clockwise until it locks into place.
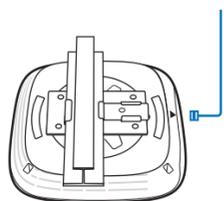
5
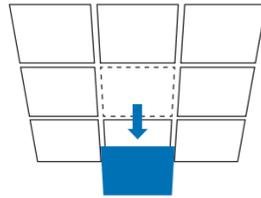Connect the Ethernet cable to the ETHERNET port.

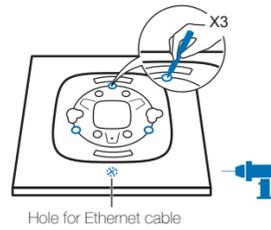## Option 2: Ceiling Mounting

Washers   M3×30 Pan-head Screws   Wing Nuts
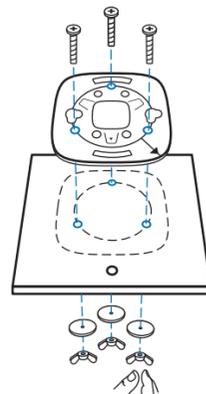(Qty.3)   (Qty.3)   (Qty.3)

1
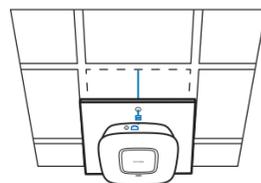Remove the ceiling tile.

X3

Hole for Ethernet cable

2
Place the mounting bracket in the center of the ceiling tile. Mark the three positions of the screw holes and a 10mm hole for the Ethernet cable to feed through. Drill three 4mm holes and a 10mm hole for the Ethernet cable.

3
Secure the mounting bracket to the ceiling tile using three M3x30 pan-head screws, washers and wing nuts, as shown on the left.
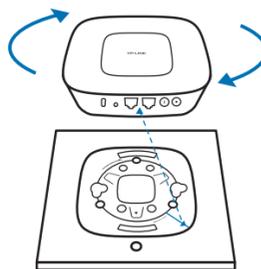
4
Attach the EAP to the mounting bracket by aligning ARROW 1 (on the EAP) with ARROW 2 (on the mounting bracket), then rotate the EAP clockwise until it locks into place.

5
Feed the Ethernet cable through the hole and set the ceiling tile back into place. Connect the Ethernet cable to the ETHERNET port.
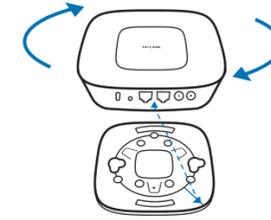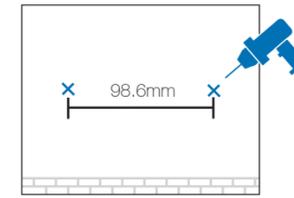
## Option 3: Wall Mounting

M3×28 Plastic Wall Anchors   M3×20 Self-tapping Screws
(Qty.3)   (Qty.3)

1
Attach the EAP to the mounting bracket by aligning ARROW 1 (on the EAP) with ARROW 2 (on the mounting bracket), then rotate the EAP clockwise until it locks into place.

2
98.6mm

Make two small pencil marks on the wall. Make sure the two marks are level and should be 98.6mm apart. Drill two 6mm holes through the center of your marks.
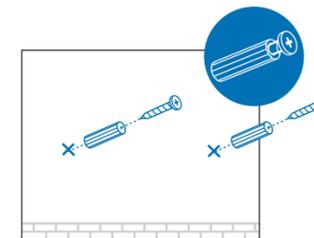
3
Insert the plastic wall anchors into the 6mm holes and drive the self-tapping screws into the anchors. Do not drive the screws all the way in and leave enough clearance to hang the EAP.
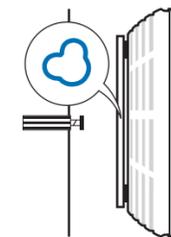
4
Hang the EAP on the screws. Make sure the EAP is firmly seated against the wall.
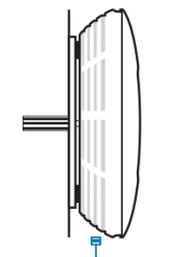
5
Connect the Ethernet cable to the ETHERNET port on the EAP.