

Quick Installation Guide

Wireless Wall Plate Access Point



Setup with videos

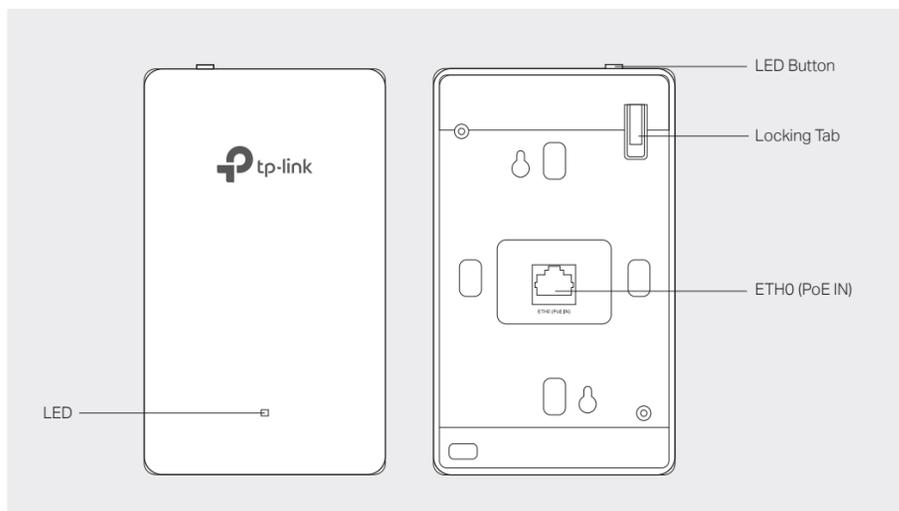
Scan QR code or visit <https://www.tp-link.com/support/setup-video/>



Note: The image may differ from the actual product.

1 Hardware Overview

Front Panel & Rear Panel



LED Indicator

On: Working normally/Initializing.

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

Flashing:

- Initialization: The LED flashes twice after initialization is completed.
- Upgrade: The LED flashes once per second while upgrading.
- Reset: The LED flashes quickly during the reset. The EAP will then reboot.
- Locate: 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.

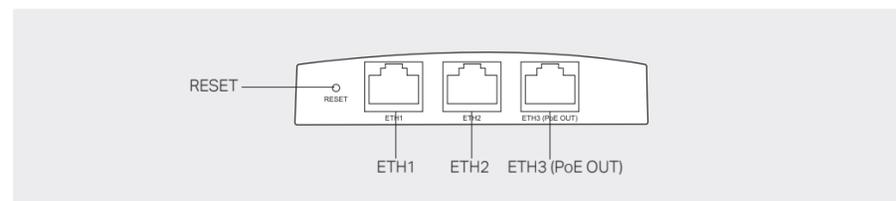
ETH0 (PoE IN) Port

Connected to a PSE (Power Sourcing Equipment), such as a PoE switch, for both data transmission and Power. The PSE supports 802.3af/at inputs and complies with LPS or PS2 standard.

LED Button

Press the LED button to turn on/off the LED.

Bottom View



RESET Button

With the device powered on, press and hold the button for about five seconds until the LED flashes, then release the button. The device will restore to its factory defaults.

ETH1 & ETH2 Port

Connected to a client device to transmit data.

ETH3 (PoE OUT) Port

Connected to a client device to transmit data and supply power (PoE Passthrough). The PoE OUT feature requires 802.3at PoE+ input. The maximum output is 13 W (12 W for the US version of EAP615-Wall).

Note: To power an 802.3af device in the LAN, you must use 802.3at PoE+ input.

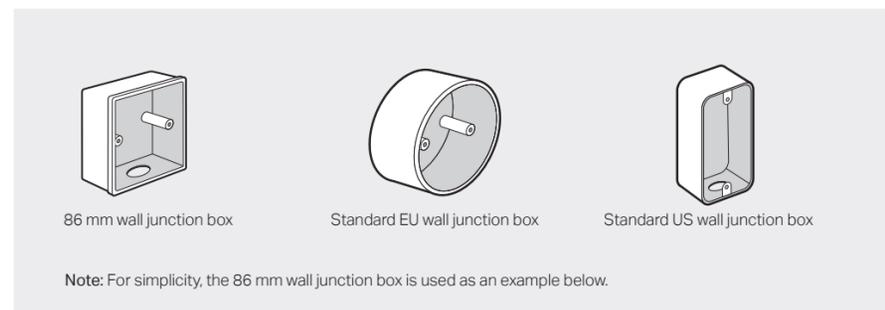
2 Pre-Installation Checklist

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

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

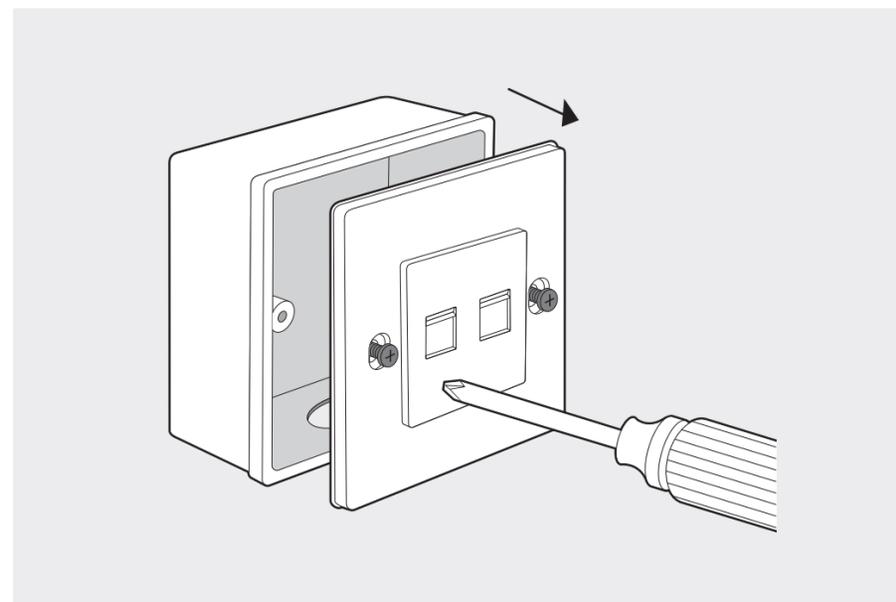
3 Installation Steps

The EAP can be mounted into an 86 mm wall junction box, a standard EU wall junction box, or a standard US wall junction box. The junction box should be pre-installed with a running-in-wall Ethernet cable connected to a PoE switch.

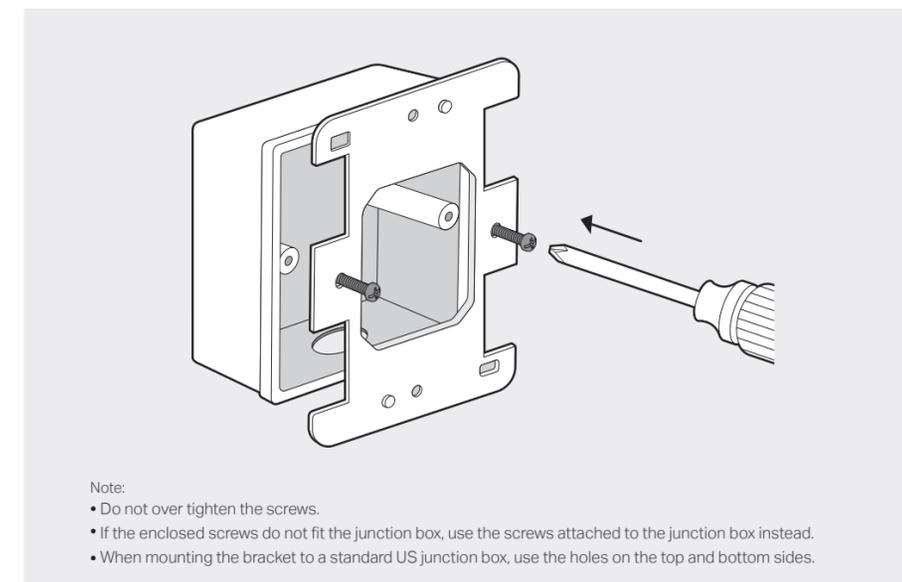


Note: For simplicity, the 86 mm wall junction box is used as an example below.

1. Detach the faceplate of the junction box with a Phillips screwdriver.



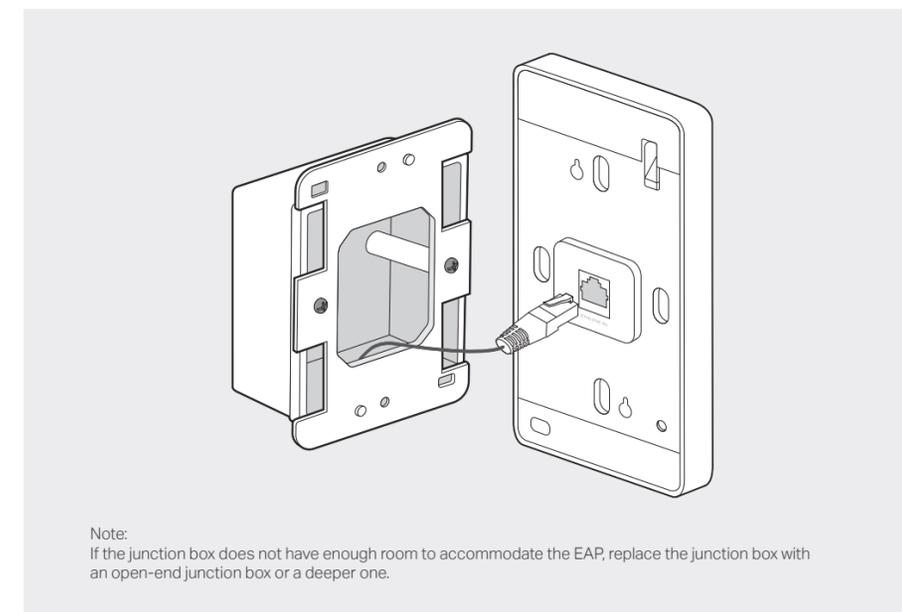
2. Insert the enclosed screws and tighten them with a Phillips screwdriver to secure the mounting bracket.



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.
- When mounting the bracket to a standard US junction box, use the holes on the top and bottom sides.

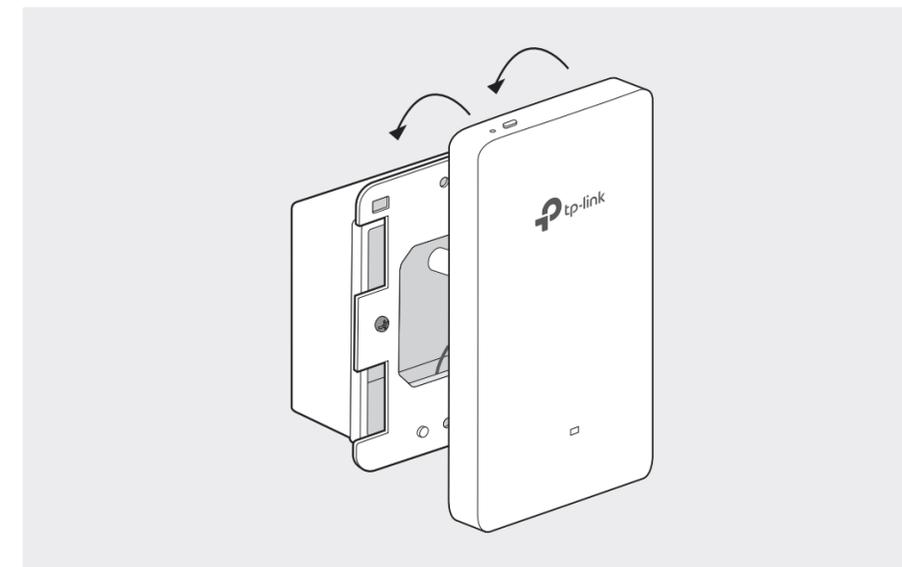
3. Connect the Ethernet cable inside the junction box to an RJ45 plug. Then connect the cable to the ETH0 (PoE IN) port. Position the Ethernet cable to ensure it is not strained.



Note:

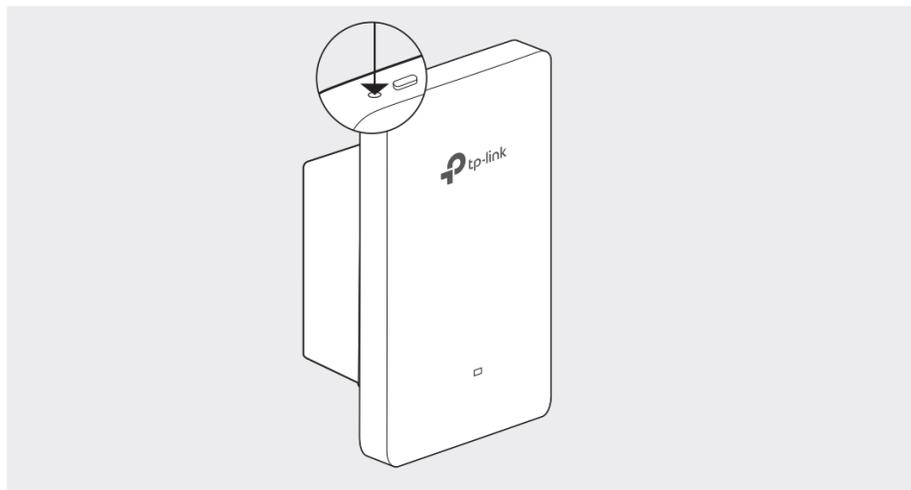
- If the junction box does not have enough room to accommodate the EAP, replace the junction box with an open-end junction box or a deeper one.

4. Attach the EAP to the mounting bracket by aligning the two mounting studs on the mounting bracket with the large opening of the slots on the EAP. Press and slide the EAP down until it locks into place.



Tip:

To remove the EAP from the mounting bracket, insert a paper clip into the hole next to the LED button to release the Locking Tab. Slide the EAP upwards and pull it out to detach it from the mounting bracket, as shown below.



4 Software Configuration

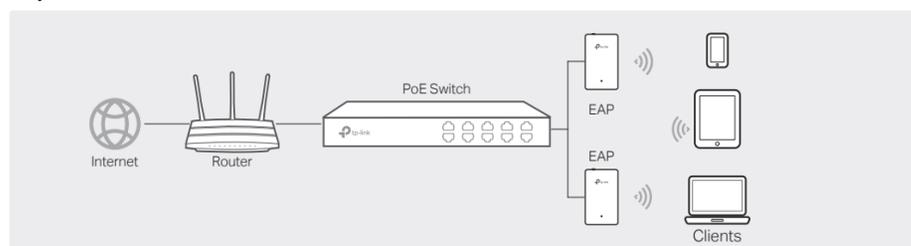
• Method 1: Standalone Mode

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.

Option1: 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 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 (format: TP-Link_2.4GHz/5GHz_XXXXXX) printed on the label at the bottom of the product.
3. Open the Omada App, and wait for the EAP to appear on the **Standalone APs** page. Tap on the EAP you want to configure.

The Omada App is designed to help you quickly configure the common settings. If you want to configure advanced settings, log in to the web page of your EAP or the controller.

Via a Web Browser

1. Connect wirelessly by using the default SSID (format: TP-Link_2.4GHz/5GHz_XXXXXX) 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. Modify the wireless parameters and reconnect your wireless devices to the new wireless network.

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

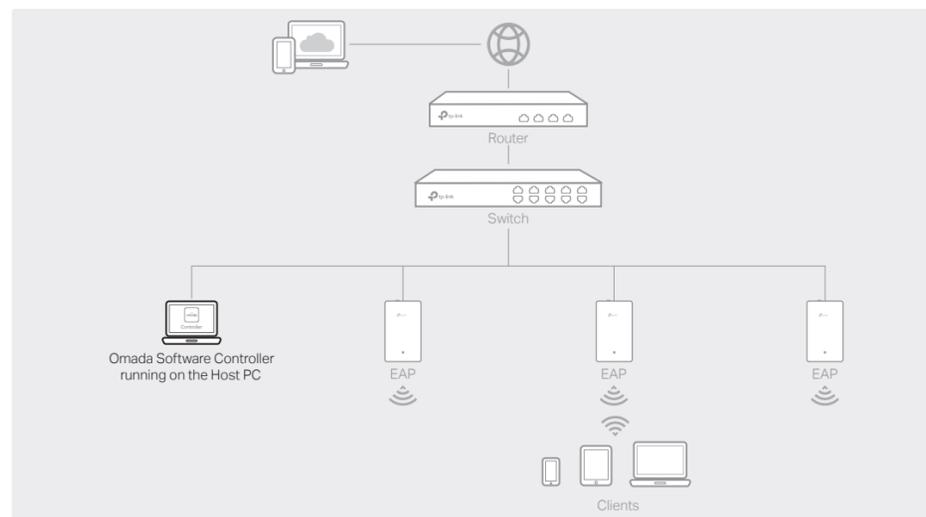
Method 2: Controller Mode

Choose 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.

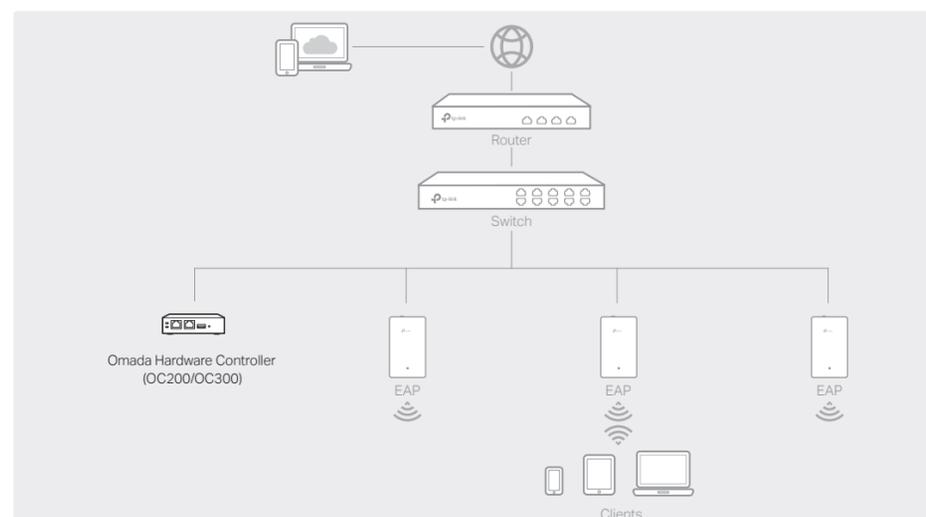
To manage your devices, Omada Software Controller needs to keep running on your computer.



• Type 2: Omada Hardware Controller (OC200/OC300)

Omada Hardware Controller (OC200/OC300) 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 OC200/OC300.



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 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 (format: TP-Link_2.4GHz/5GHz_XXXXXX) 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 further configure the controller.

• 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 further configure the controller.
- * 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 further configure the controller.

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 Omada Hardware Controller gets its IP address from the DHCP server of the router, we don't know its IP address explicitly. However, we can find it out on the router's DHCP client list.

- a. You need first find the IP address of the router. Open the command line on your PC and enter **ipconfig**. In the result list, find the **Default Gateway**, which is also the IP address of the router.
- b. Launch a web browser and enter the IP address of the router. Log into the router's web page, and both the username and password are **admin** by default. Then go to **Network > LAN > DHCP Client List** to find the IP address of your controller according to its MAC address.
- c. Enter the IP address of the your controller 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 further configure the controller.
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 click **Launch** to further configure the controller.

* 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 further configure the controller.

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.

If you have any suggestions or needs on the product guides, welcome to email techwriter@tp-link.com.cn.



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.
- Operating Temperature: 0°C-40°C (32°F-104°F). Operating Humidity: 10%-90%RH, Non-condensing.
- Storage Temperature: -40°C-70°C (-40°F-158°F). Storage Humidity: 5%-90%RH, Non-condensing.

