

# Manually Connect a WAP571 or WAP571E to the Network via Power Over Ethernet (PoE)

## Objective

Connecting a Wireless Access Point (WAP) to the same network as your computer would allow them to communicate, thus, allowing you to configure the WAP. This is typically done when the WAP is to be configured for the first time, or after the WAP has been reset, and will have to be reconfigured. This article aims to show you the steps in connecting the WAP571 or WAP571E to the network.

## Applicable Devices

- WAP500 Series – WAP571, WAP571E

## Software Version

- 1.0.0.15 – WAP571, WAP571E

## Connect the WAP571 to the Network via PoE

**Important:** Make sure that the network you are connecting the WAP to has PoE (802.3af and 802.3at) and that your network is up and running.

Step 1. Connect one end of an Ethernet cable to the Ethernet port of a PoE switch, or router.

Step 2. Connect the other end of the Ethernet cable to the ETH0/PD port of the WAP571.

**Note:** WAP571 bundles the two Ethernet ports to be in link aggregation mode. If the two Ethernet ports have been connected at the same time, the link partner must also support link aggregation.

Step 3. Check the lights on both the WAP571 and the PoE switch, or router.

### Note:

- An orange light on the port of the PoE switch where the WAP571 is connected indicates that the PoE switch is powering the WAP571.
- A green light on the Ethernet port of the PoE switch where the WAP571 is connected indicates a link between the devices.
- A blinking green light on the front panel of the WAP571 indicates that the device is booting up.
- A solid green light indicates that the WAP571 is ready and operational.
- A solid green light on the Ethernet port of the WAP571 indicates a link between the switch and the WAP571.
- A blinking green light on the Ethernet port of the WAP571 indicates that the device is receiving and transmitting data.

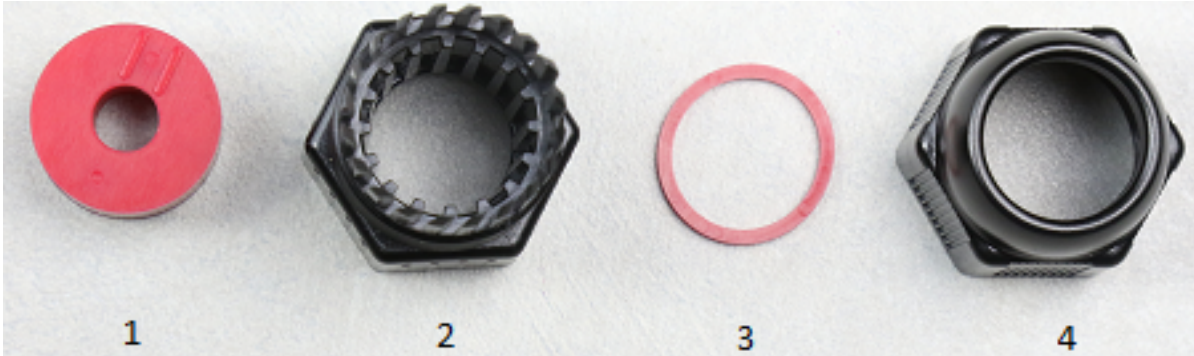
You should now have connected your WAP571E to the network via PoE and can now proceed to setting up the access point. For instructions, see [Configure Basic Radio Settings on the WAP571](#)

or WAP571E Wireless Access Point.

## Connect the WAP571E to the Network via PoE

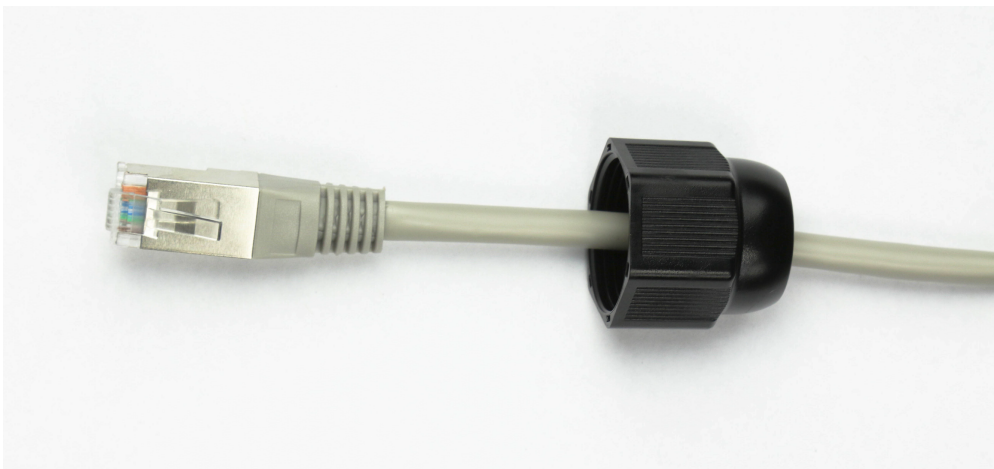
### Prepare the Cabling

Step 1. Disassemble the weather-proof connector to expose the red rubber gasket. After disassembling, you should have the following:

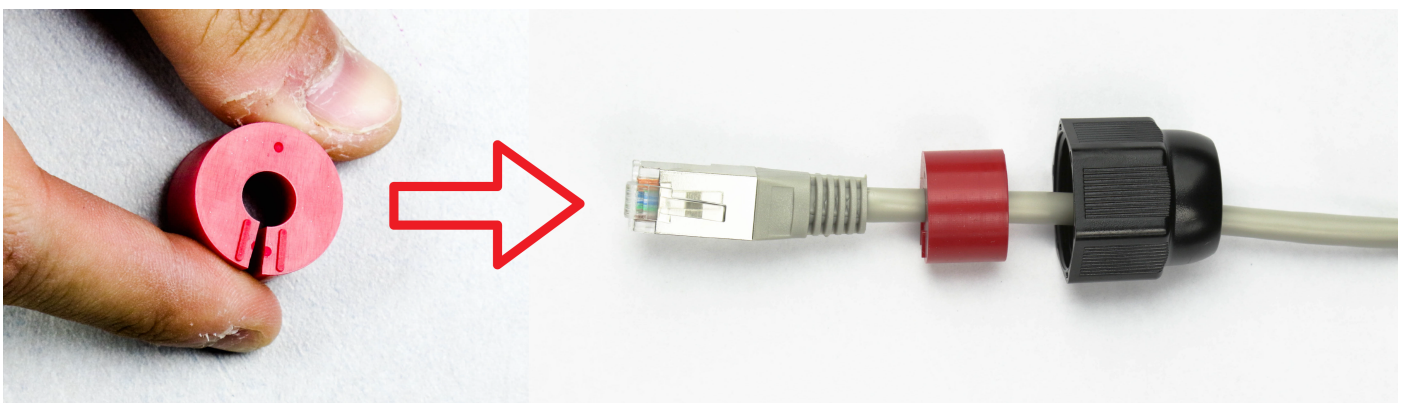


1. 1 Thick rubber gasket
2. Part B of the weather-proof connector
3. Thin rubber gasket
4. Part A of the weather-proof connector

Step 2. Slide the Ethernet cable through Part B of the weather-proof connector.



Step 3. Pinch the thick rubber gasket to reveal the cut and then slide the Ethernet cable through the cut.



Step 4. Slide the Ethernet cable through Part A of the weather-proof connector.



Step 5. Insert the thin red gasket into the opening of Part B of the weather-proof connector.



## Connect the WAP571E via PoE

**Important:** Make sure that the network you are connecting the WAP to has PoE (802.3af and 802.3at) and that your network is up and running.

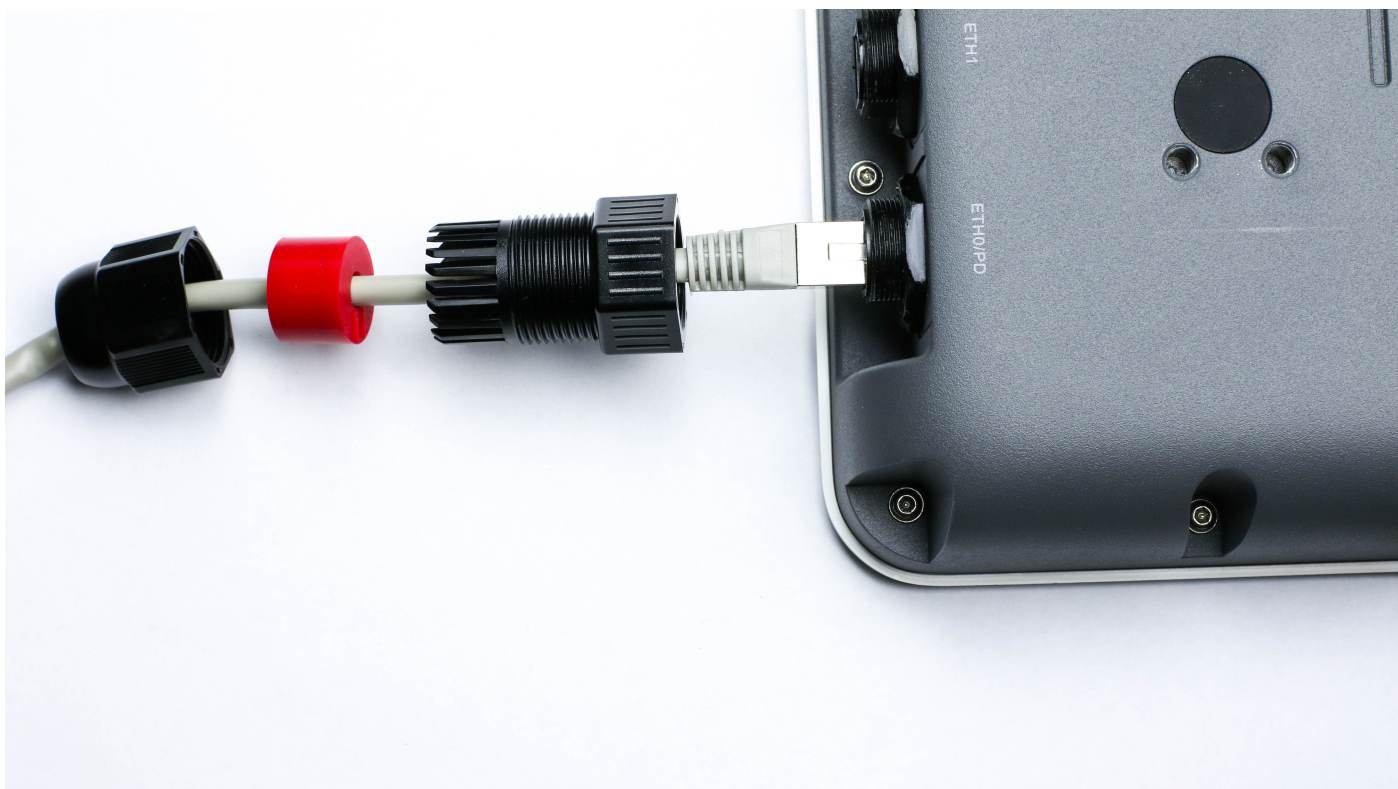
Step 1. Go over the back and bottom panels of the WAP571E.

Step 2. Position the WAP571E in such a way that the label underneath the device is right side up.

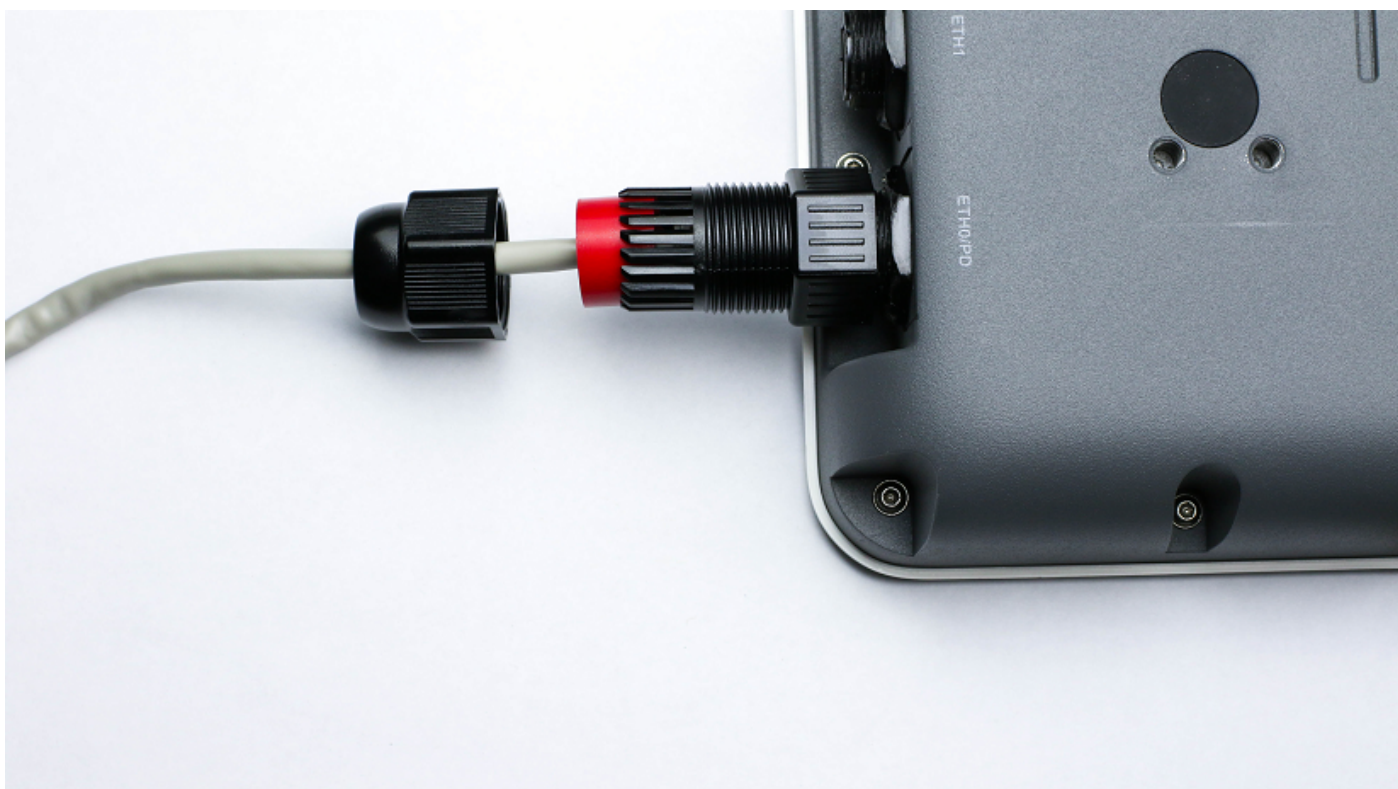
Step 3. Remove the cover of the port labeled ETH0/PD to expose the Ethernet port. This can be done by turning the cap counter-clockwise.

**Note:** Take care not to lose the thin rubber gasket.

Step 4. Connect the Ethernet cable into the ETH0/PD slot of the WAP571E.

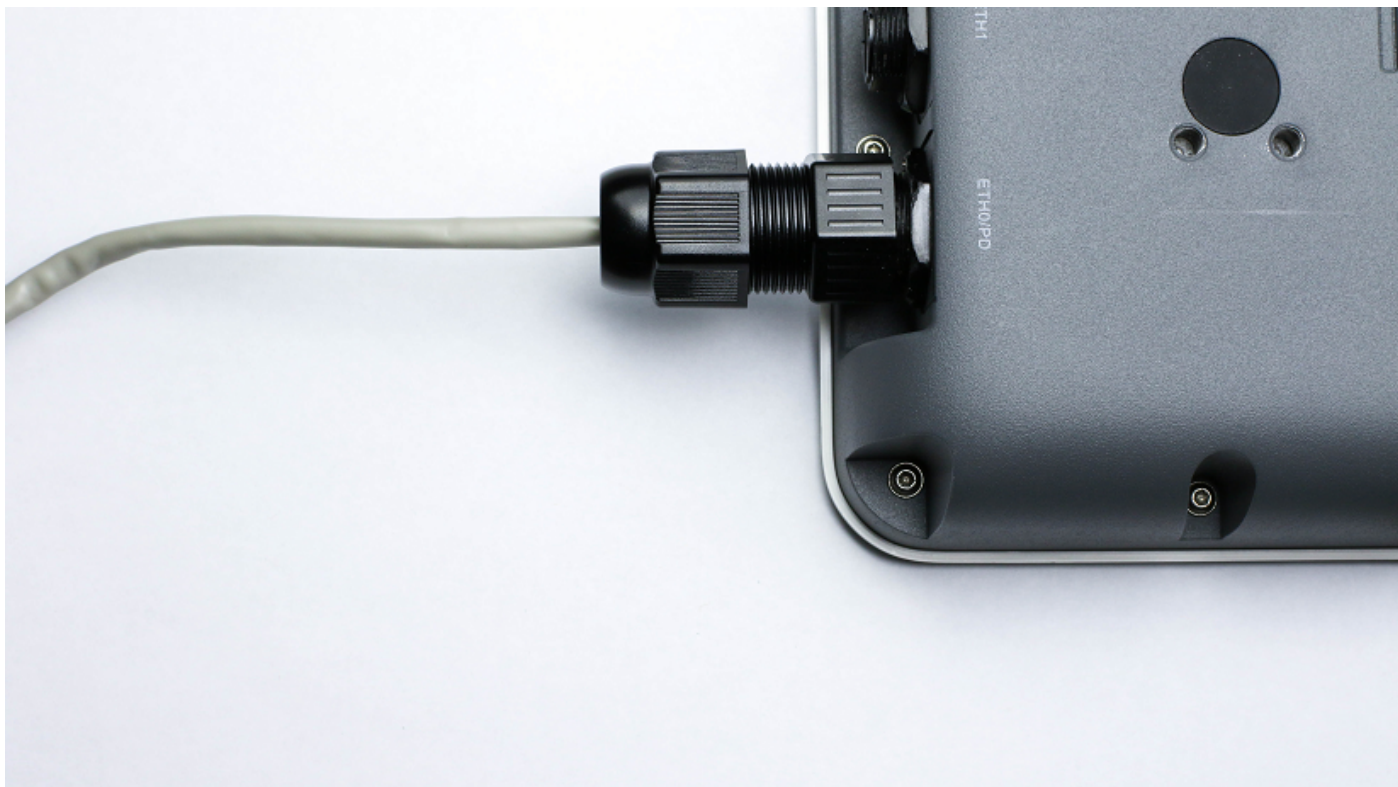


Step 5. Secure the weather-proof connector by turning it clockwise on to the threaded portion of the WAP571E.



Step 6. Insert the thick rubber gasket into Part B of the weather-proof connector.

Step 7. Secure Part A of the weather-proof connector by turning it clockwise on to the threaded portion of Part B.



Step 8. Connect the other end of the Ethernet cable to the Ethernet port of the PoE switch.

Step 9. Check the lights on both the WAP571E and the PoE switch.

## Verify the WAP571/WAP571E with PoE Connection

To verify the hardware installation, follow these instructions:

- Check the cable connections.
- Check the indicator lights.

Label	Activity	Description
<b>Power</b>	Off	The access point is off
	Solid (Green)	The access point is normal; No wireless client is connected
	Solid (Blue)	The access point is normal; at least one wireless client is connected
	Flashing (Blue)	The access point is upgrading the firmware.
	Solid (Red)	The access point fails to boot with both firmware images.
<b>LAN (WAP571)</b>	Off	No Ethernet link; FE Ethernet link is active or 10 Mbps.
	Solid Green	GE Ethernet link is active.
	Flashing Green	The access point is transmitting or receiving data.

You should now have connected your WAP571E to the network via PoE and can now proceed to setting up the access point. For instructions, see [Configure Basic Radio Settings on the WAP571 or WAP571E Wireless Access Point](#).