WAP7635

Quick Installation Guide

WiFi 7 2x2x2

Wi-Fi 7 2x2x2 Indoor Access Point

Introduction

This Quick Start Guide is designed to guide you through the installation of the **WiFi 7 2x2x2** Access Point, including hardware mounting and configuration.

WiFi 7 2x2x2

Wi-Fi 7 2×2×2 Indoor Access Point

- Wi-Fi 7 technology for high-performance Wi-Fi in high-density, multi-device environments.
- Tri-band support with speeds up to 5,800 Mbps (6GHz), 2,900 Mbps (5GHz), and 700 Mbps (2.4GHz).
- 2.5 GbE PoE-in port supports 802.3at PoE and 60W PoE injector input for flexible installation up to 328 feet (100 meters).

Package Contents

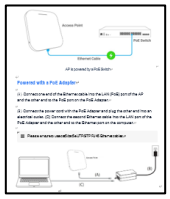
Indoor Access Point

Ceiling Mount Base
(9/16" T-Rail)

Ceiling Mount Base
(15/16" T-Rail)

Mounting Kit

Spacer



Product Card

System Requirements

The AP is primarily accessible with a web browser. Logging on to the system platform to manage your network, ensure that you've used the supported browser.

Web Browser:

- Google Chrome (57.0.2987.110 and later)
- Microsoft Edge (80.0.361.103 and later)
- Mozilla Firefox (52.0 and later)

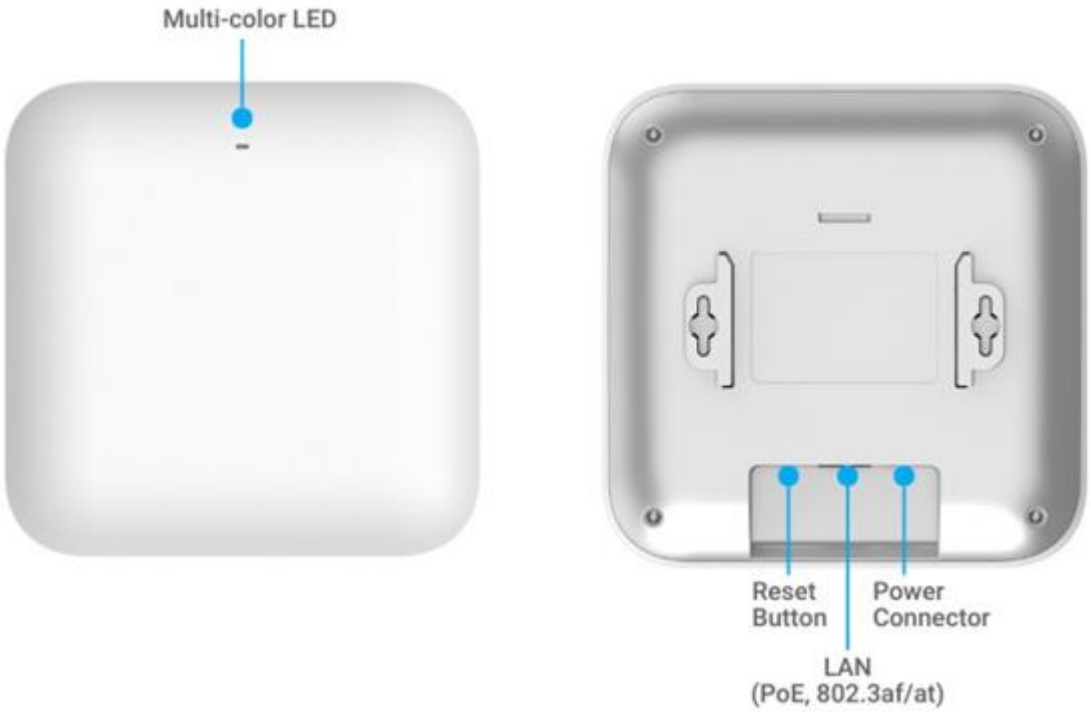
Network Requirements

Before you get started, please make sure your network environment is DHCP-enabled. The Access Points are default assigned an IP address dynamically by the DHCP server.

If you encounter issues with IP address assignment, you may want to change your IP assignment from "**DHCP mode**" to "**Static IP**". Please check the " User Manual: Login to Local Access Page" for more details.

Hardware Overview

Ports



Reset Button:

- **Reset to default:** Press and hold the reset button for over **10** seconds, and the **LED(PWR)** will start *Fast Flashing* (0.2 sec). Then, the device will be reset to factory default settings.

LEDs

Status	LED Color
Connecting to Cloud	Green Flashing (0.5 Sec)
Cloud Connected	Blue Solid on
Firmware Upgrading	Green Flashing (1 Sec) <---> Blue Flashing (1 Sec)
Reset to Default	Green Fast Flashing (0.2 Sec)
AP Locating Mode	Blue Flashing (1.5 Sec. On -> 0.5秒 Sec. Off)

Device status and LED behavior

The AP only has one LED indicator with two colors (**Green** / **Blue**)

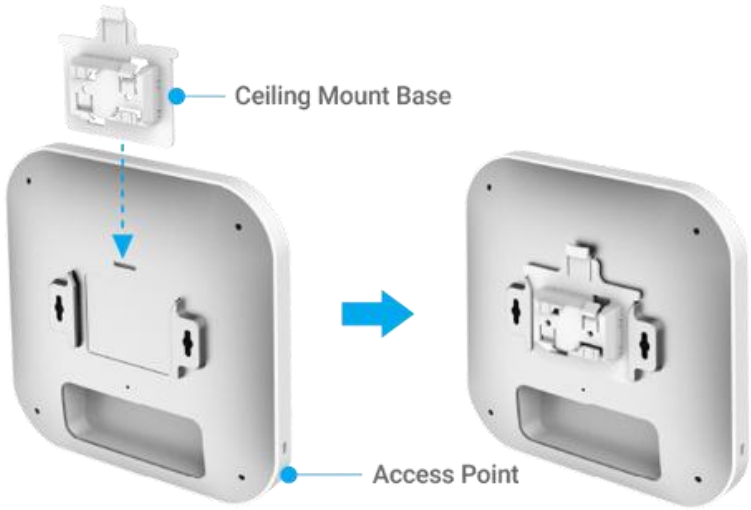
Hardware Mounting

The access point can be mounted on the **Ceiling**, and please perform the steps for the appropriate installation:

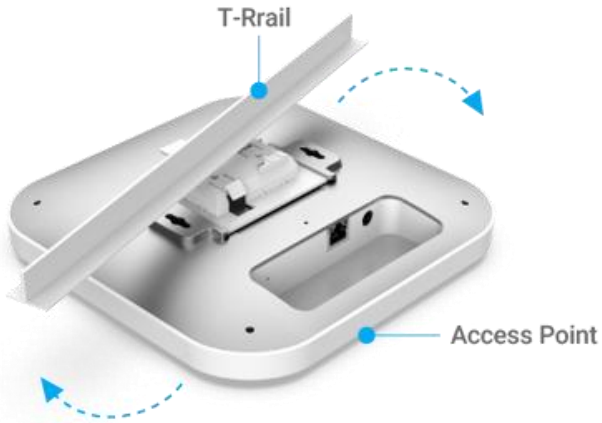
Ceiling Mount

- T-Rail

1. Slide the **Ceiling Mount Base** into the slot of the Access Point.

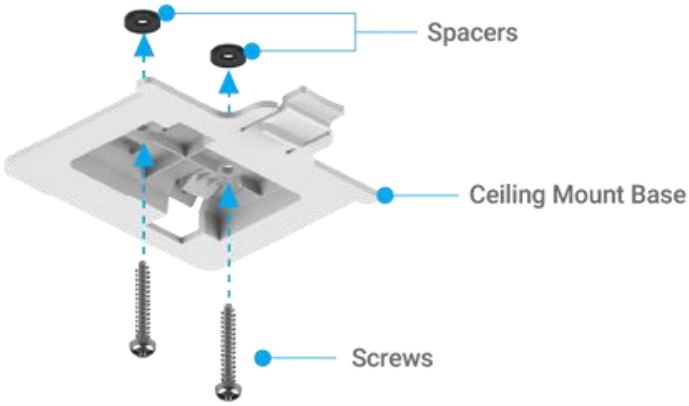


2. Slightly Hook the ceiling mount bracket onto the T-Rail until you hear a click sound.

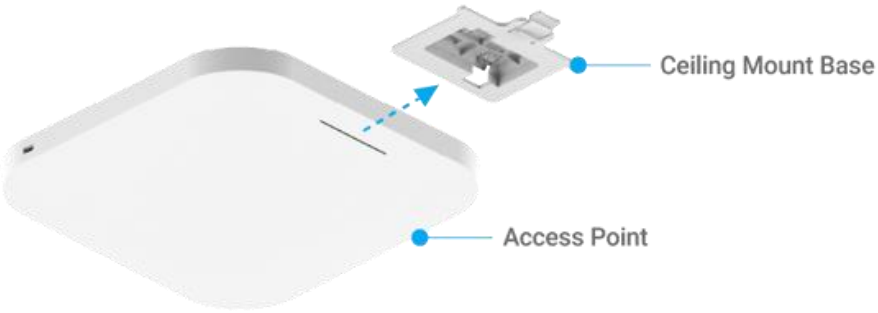


- Hard Ceiling

1. Screw the included **Screws** into the **Ceiling Mount Base** with **Spacers**, and the **Screws** unto the surface until they are flush with the surface.



2. Slide the Access Point into the **Ceiling Mount Base**.



Step1: Power On Device

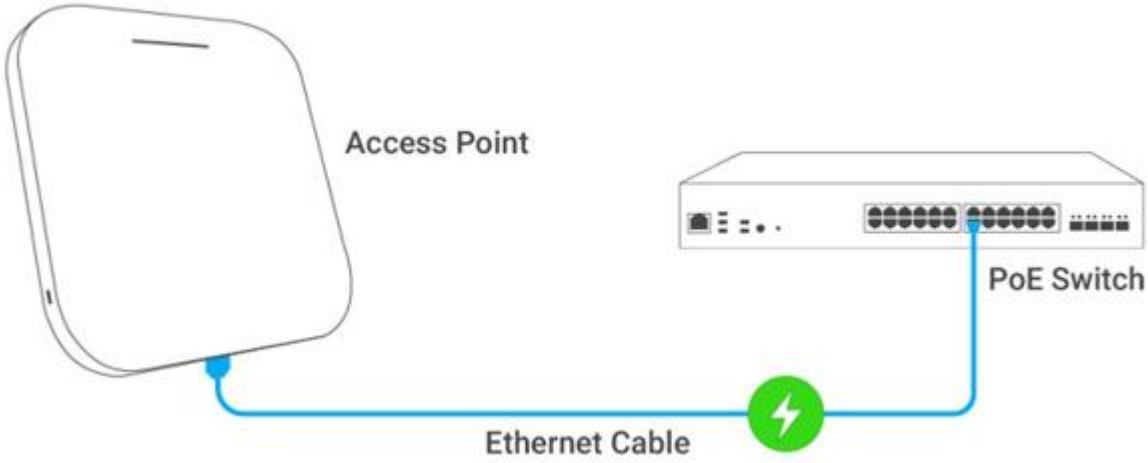
The AP devices can be powered by any of the following:

- PoE Switch or 802.3at PoE+ compliant Switch
- PoE adaptor
- Power Adapter (DC 12V/2A power input)

Do not use both power sources at the same time.

Connecting to a PoE Switch

Connect the Ethernet cable from the AP directly to the PoE port of the PoE switch.



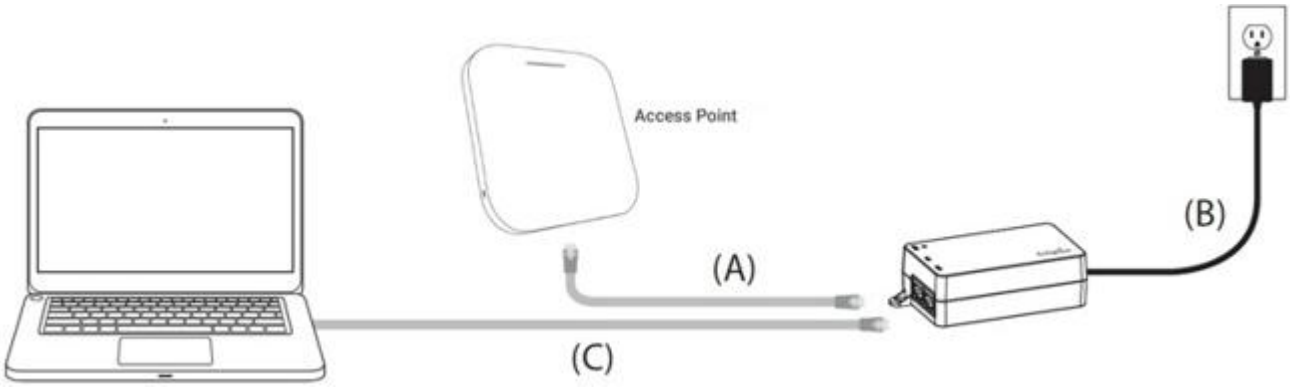
AP is powered by a PoE Switch

Powered with a PoE Adapter

(A) Connect one end of the Ethernet cable into the LAN (PoE) port of the AP and the other end to the PoE port on the PoE Adapter.

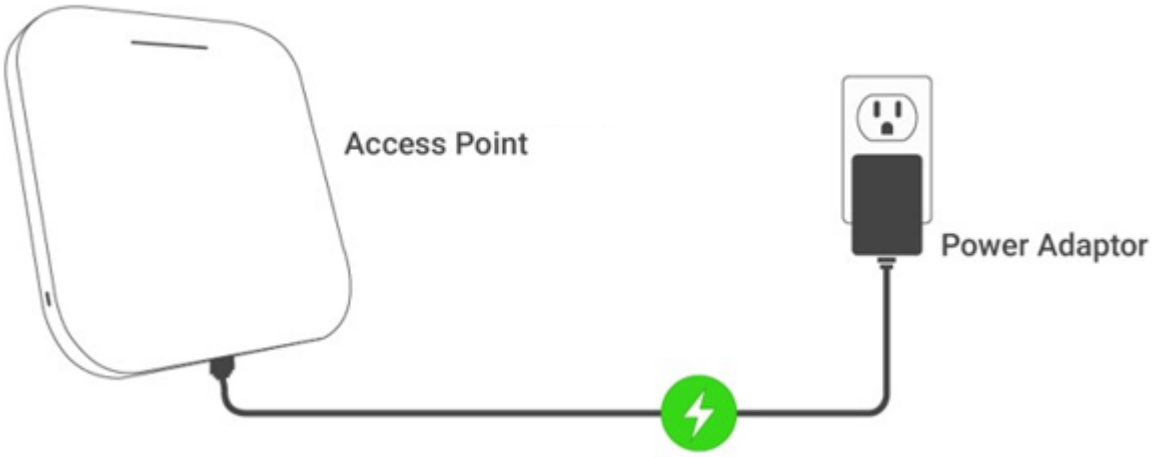
(B) Connect the power cord with the PoE Adapter and plug the other end into an electrical outlet. (C) Connect the second Ethernet cable into the LAN port of the PoE Adapter and the other end to the Ethernet port on the computer.

Please ensure to use cat5/cat5e UTP/STP RJ45 Ethernet cables.



Powered with a Power Adapter

Connect the Power Cord to the adapter, and then plug the Power Cord into the power outlet.



AP is powered with a power adapter

Troubleshooting

If your AP cannot be managed by the Web Browser, there might be a problem with connecting to the AP.

To troubleshoot the connection issue, you may log in to the **Device Local Access** page:

1. Use your client device (e.g., a laptop, mobile device, or tablet) to find the SSID: and connect to it.
2. Under your web browser, enter the URL: **http://192.168.1.1** to access the device's user interface.
3. You can review the device status after logging into the AP with the default admin account/password (admin/admin).
4. Check the information on **Network Connectivity** and take action if necessary.

Change IP Assignment Settings

By default, the Access Point is assigned an IP address dynamically by the DHCP server. If you encounter issues with IP address assignment, please double-check the IP setting, including IP address, subnet mask, gateway, proxy, and management VLAN. If the issue still exists, you may change your IP assignment from "***DHCP mode***" to "***Static IP***" via the following procedure.

1. Go to the **Local Setting** section.
2. Change IPv4 settings to "***Use Static IP***".
3. Configure the ***IP address, gateway, subnet mask, and proxy*** settings.
4. Reconnect this device to the LAN network and try again.

Compliance

FCC

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

(If device is outdoor AP, please delete it. If device is indoor AP, need to add it.)

This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

For mobile device usage (>20cm/low power)

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.

CE

The device complies with Directive 2014/53/EU issued by the Commission of the European Community.

Standards:

- ETSI EN 300 328 V2.2.2 (2019-07)
- ETSI EN 301 893 V2.1.1 (2017-05) Final Draft
- ETSI EN 303 687 V0.0.20 (2022-03)
- EN 55032:2015+A1:2020 EN 55035:2017/A11:2020 ETSI
- EN 301489-1 V2.2.3 (2019-11)
- ETSI EN 301 489-17 V3.2.4 (2020-09)
- EN 62368-1:2014+A11: 2017
- EN 62311: 2020

Declaration of Conformity

Hereby, this product is in compliance with:

- Directive 2014/53/EU
- Regulations 2017 (S.I. 2017/1206)/ Regulations 2016 (S.I. 2016/1091)/ Regulations 2016 (S.I. 2016/1101)
- RoHS 2015/863
- WEEE 2022
- REACH Regulation

Disclaimer/ Note

- Maximum data rates are based on the IEEE standards. Actual throughput and range may vary depending on many factors including environmental conditions, the distance between devices, radio interference in the operating environment, and the mix of devices in the network.
- Features and specifications are subject to change without notice.
- This device complies with Part 15 of the FCC Rules.
- Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.