Quick Start Guide

802.11ac Cloud-based Indoor Dual Band Enterprise Acess Point

ECW7211-L

The ECW7211-L AP includes its own built-in features for mounting the unit to a wall or suspended ceiling T-rail.

Note: For Safety and Regulatory information, refer to the *Safety and Regulatory Information* document included with the AP.

Caution: The planning and installation of the AP requires professional personnel that are trained in the installation of radio transmitting equipment. The user is responsible for compliance with local regulations concerning items such as antenna power, use of lightning arrestors, grounding, and radio mast or tower construction. Therefore, it is recommended to consult a professional contractor knowledgeable in local radio regulations prior to equipment installation.

Follow these steps to install the AP:

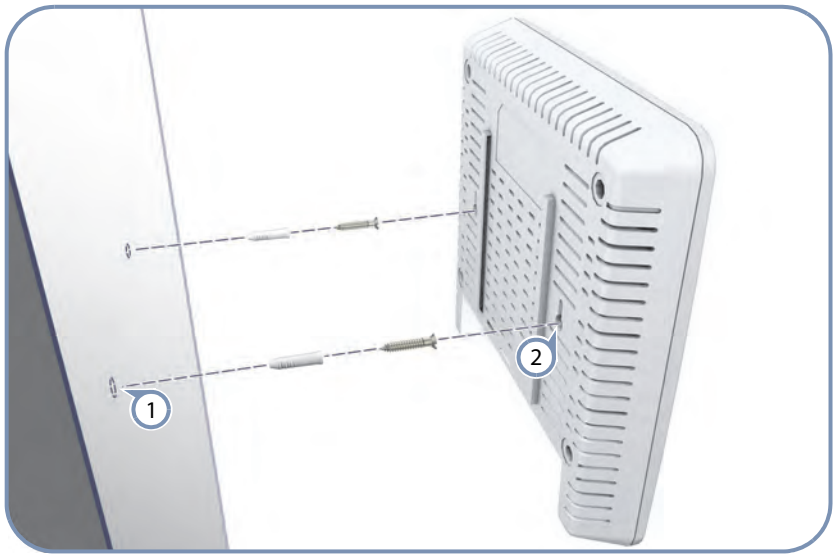
1. Unpack the AP

Unpack the AP and check the package contents.

- 802.11a/ac/b/g/n Wireless Access Point
- AC power adapter
- Console cable
- Ceiling-mount accessory
- Four adhesive foot pads
- Documentation — *Quick Start Guide* (this guide) and *Regulatory and Safety Information*

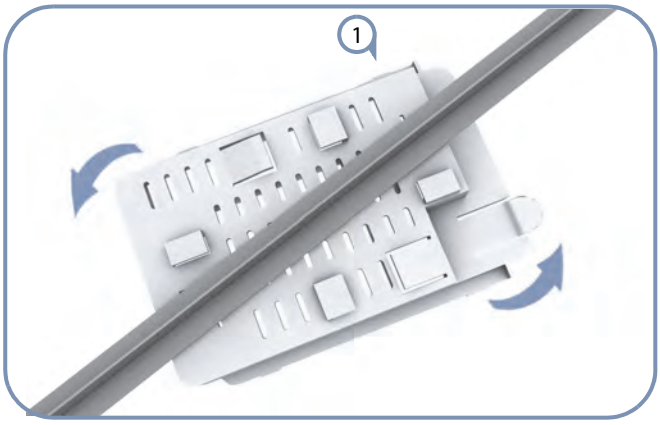
2. Mount the AP

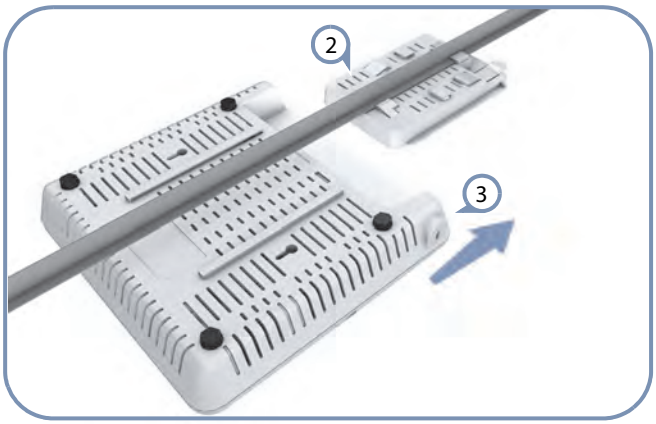
After planning your installation, mount the unit on a wall or suspended ceiling T-rail.



Mounting on a Wall

1. Set two screws in the wall 116 mm (4.57 in.) apart.
2. Slide the AP's wall mounting slots down onto the screws so that the unit is secure.





Mounting on a Ceiling T-rail

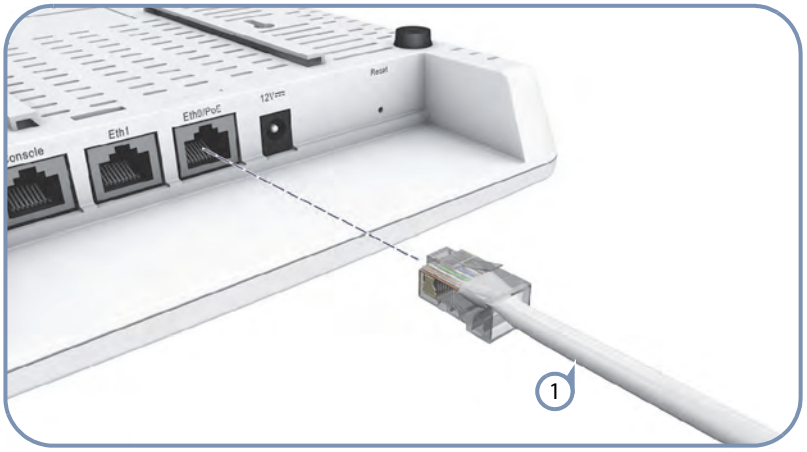
1. Position the ceiling-mount accessory clip holders on either side of the T-rail.
2. Turn the ceiling-mount accessory until the two clips lock it to the T-rail.
3. Slide the base of the AP onto the T-rail accessory until it is locked in place.

NOTE: The ceiling mounting plate supports two different kinds of ceiling bars. The position illustrated above is for 15 mm bars. Use the other position at a 90 degrees angle for 24.5 mm bars.

3. Connect Cables

Connect network cable to the Eth0/PoE 1000BASE-T RJ-45 port for your network connection. The Etho/PoE port connection can also provide PoE power to the unit.

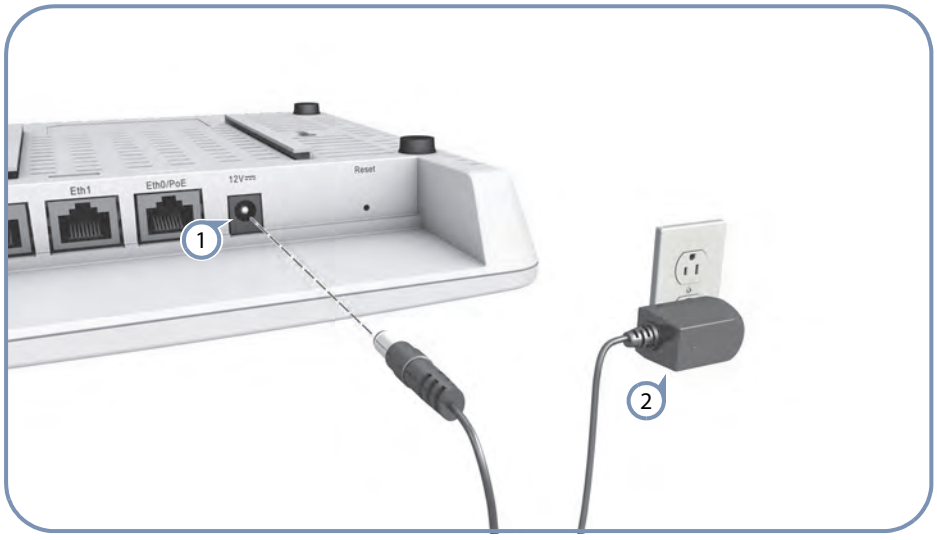
(Optional) Connect a local LAN switch or computers to the LAN1 and LAN2 100BASE-TX RJ-45 ports.



1. Connect Category 5e or better cable to the Eth0/PoE RJ-45 port.

4. Connect Power

If you do not power the unit using PoE, connect the AC power adapter to the AP and to an AC power source.

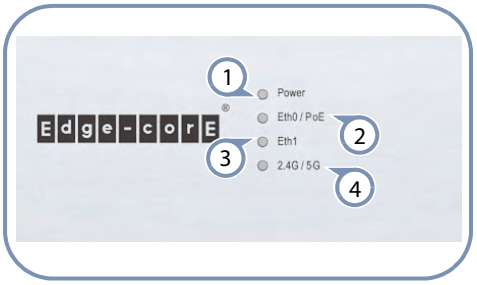


1. Connect the power adapter to the power socket on the AP.
2. Plug the power adapter into a nearby AC power source.

5. Verify AP Operation

Verify basic AP operation by checking the system LEDs.

The WAN LED and any connected LAN port LEDs should light up green. The circular LED on the top panel should light up green and blue to indicate 2.4 GHz and 5 GHz radio operation respectively.



1. Power
2. Eth0/PoE
3. Eth1
4. Radio — LED2.4 G / 5 GHz

6. Connect to the Web User Interface

The AP offers a user-friendly web-based management interface for the configuration of all the unit's features.

You can make initial configuration changes by connecting a PC directly to the AP's LAN port. The AP has a default management IP address of 192.168.1.1 and a subnet mask of 255.255.255.0. You must set your PC IP address to be on the same subnet as the AP (that is, the PC and AP addresses must both start 192.168.1.x).

Log in to the web interface using the default settings:

- Login Name — root
- Password — admin123

For more information on AP configuration using the web interface, refer to the *Management Guide*, which is on the Edge-Core web site, **www.edge-core.com**.

Hardware Specifications

Item	Specification
Chassis	
Size (W x D x H)	200 x 200 x 36.5 mm (7.87 x 7.87 x 1.44 inch)
Weight	750 g (1.65 lb)
Temperature	Operating: 0 °C to 45 °C (32 °F to 113 °F) Storage: -40 °C to 70 °C (-40 °F to 158 °F)
Humidity	Operating: 5% to 95% (non-condensing)
Network Interfaces	
Ports	Eth0/PoE RJ-45 Port: 1000BASE-T, PoE+ PD Eth1 RJ-45 Ports: 1000BASE-TX
2.4 GHz Radio	IEEE 802.11b/g/n
5 GHz Radio	IEEE 802.11a/ac/n
Radio Frequencies	2412 ~ 2472 MHz (ETSI), 2412 ~ 2462 MHz (FCC) 5745 ~ 5825 MHz (China) 5180 ~ 5240 MHz (ETSI), 5180 ~ 5240 MHz, 5745 ~ 5825 MHz (FCC)
Power Supply	
PoE Input Power	48 VDC, 0.6 A
AC Power Adapter	AC Input: 100 ~ 240 VAC DC Output: 12 VDC, 2.5 A
Power Consumption	22.5 W maximum
Regulatory Compliances	
Radio	EN 300 328 V1.8.1:2012 (2012-06) EN 301 893 V1.7.1:2012 (2012-06) FCC Part 15C 15.247/15.207 (2.4-2.4835GHz) FCC Part 15E 15.407 (5.150GHz-5.250GHz, 5.725-5.850GHz)
Emissions	EN 55022 2010/ AC: 2011, Class B FCC Part 15 Subpart B, Class B ICES-003, Issue 5, Class B
Immunity	EN 55024 : 2010 EN 301 489-1 V1.9.2 (2011-09), Class B EN 301 489-17 V2.2.1 (2012-09) AS/NZS CISPR 22: 2009/Amdt 1: 2010, Class B
Safety	UL (CSA 22.2 No. 60950-1 & UL60950-1) CB (IEC/EN60950-1)