

Quick Start Guide

802.11a/ac/b/g/n Wireless Access Points

ECW3320, ECW3320-C, ECW3320-L, ECW5320, ECW5320-C, ECW5320-L

The ECW3320/ECW3320-C/ECW3320-L/ECW5320/ECW5320-C/ECW5320-L AP includes its own built-in features for mounting the unit to a wall or suspended ceiling T-rail.



The 802.11a/ac/b/g/n Wireless Access Points include these models:

- ◆ **ECW3320** — 802.11b/g/n 2.4 GHz stand-alone AP
- ◆ **ECW3320-C** — 802.11b/g/n 2.4 GHz cloud-based AP
- ◆ **ECW3320-L** — 802.11b/g/n 2.4 GHz controller-based AP
- ◆ **ECW5320** — 802.11a/ac/b/g/n dual-band stand-alone AP
- ◆ **ECW5320-C** — 802.11a/ac/b/g/n dual-band cloud-based AP
- ◆ **ECW5320-L** — 802.11a/ac/b/g/n dual-band controller-based AP



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.

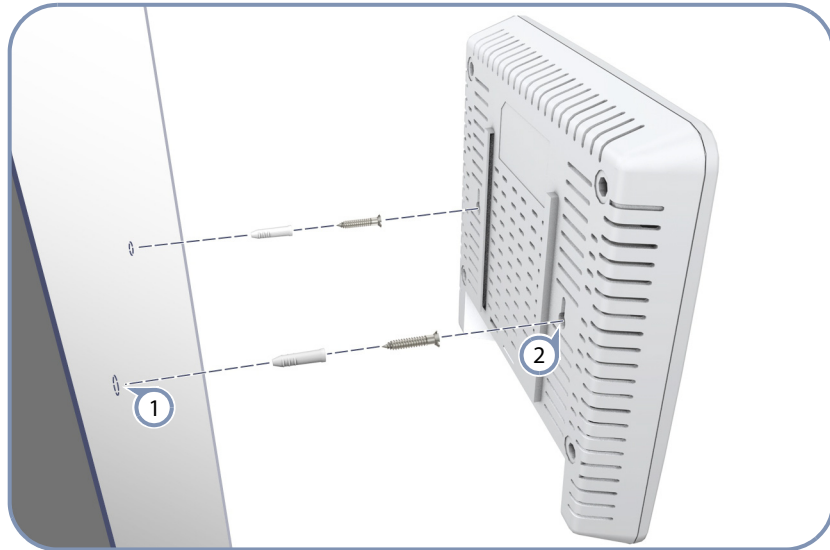
Follow these steps to install the AP:

1. Unpack the AP

Unpack the AP and check the package contents.

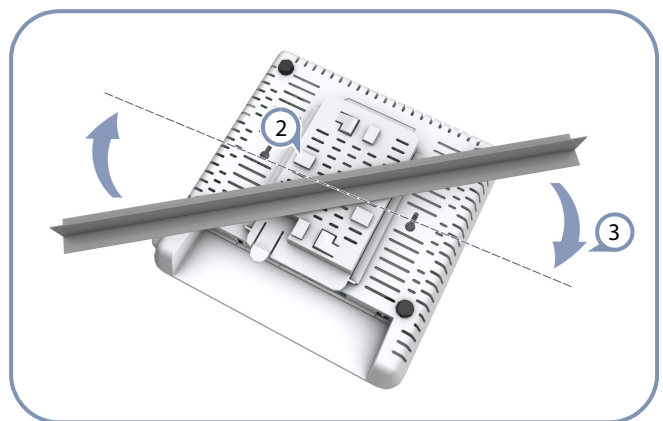
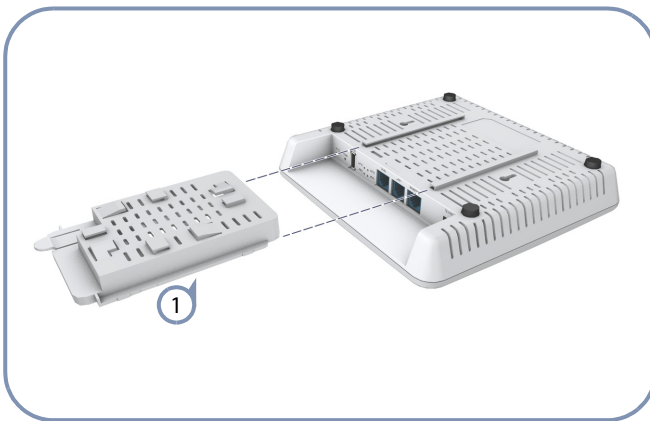
- ◆ 802.11a/ac/b/g/n Wireless Access Point
- ◆ AC power adapter
- ◆ Ceiling-mount accessory
- ◆ Four adhesive foot pads
- ◆ Documentation — *Quick Start Guide* (this guide) and *Regulatory and Safety Information*

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.

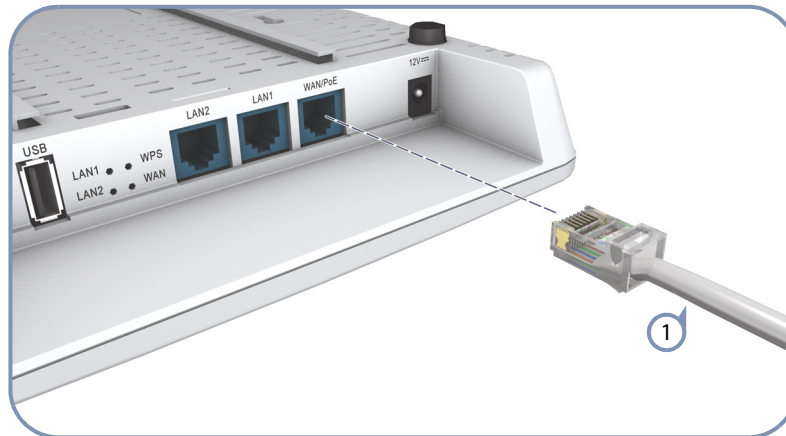


.Mounting on a Ceiling T-rail

- ① Attach the included ceiling-mount accessory to the base of the AP.
- ② Position the AP's ceiling-mount clip holders on either side of the T-rail.
- ③ Turn the AP until the two clips lock the AP to the T-rail.

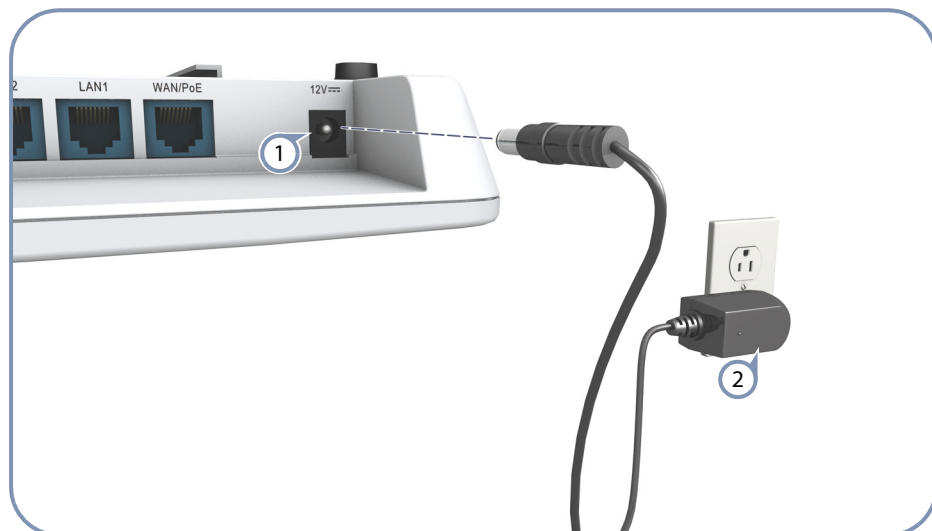
3. Connect Cables Connect network cable to the WAN/PoE 1000BASE-T RJ-45 port for your network connection. The WAN/PoE port connection can also provide PoE power to the unit.

(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 WAN/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.

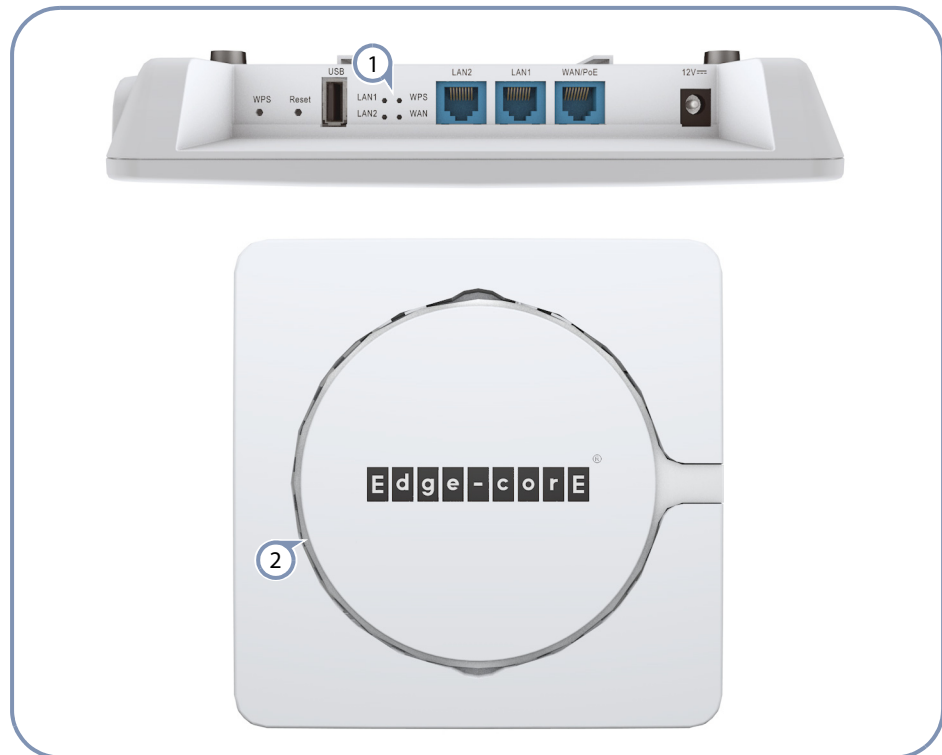


① Connect the power adapter to the power socket on the AP.

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.



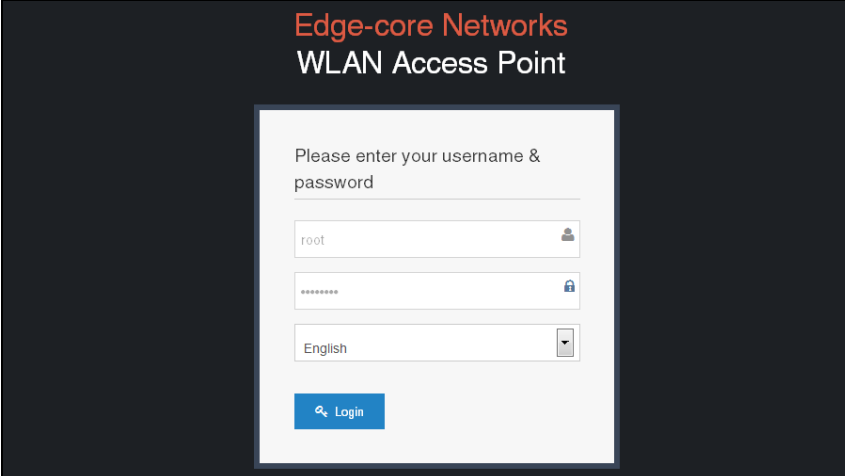
- ① WAN and LAN1/LAN2 Link/Activity LEDs
- ② Radio LED — 2.4 GHz (green) and 5 GHz (blue)

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 192.168.2.1 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 192.168.2.x).

Log in to the web interface using the default settings:

- ◆ Login Name — root
- ◆ Password — admin123



The screenshot shows a login page for Edge-core Networks WLAN Access Point. The page has a dark background with the title "Edge-core Networks WLAN Access Point" at the top. Below the title, there is a white box containing the login form. The form includes a prompt "Please enter your username & password", a username field with "root" entered, a password field with "*****" entered, a language dropdown menu set to "English", and a blue "Login" button.

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 40 °C (32 °F to 104 °F) Storage: -20 °C to 70 °C (-4 °F to 158 °F)
Humidity	Operating: 5% to 95% (non-condensing)
Network Interfaces	
Ports	WAN/PoE RJ-45 Port: 1000BASE-T, PoE+ PD LAN1 and LAN2 RJ-45 Ports: 100BASE-TX
2.4 GHz Radio	IEEE 802.11b/g/n
5 GHz Radio	IEEE 802.11a/ac/n
Radio Frequencies	2412 ~ 2472 MHz 5745 ~ 5825 MHz (China) 5180 ~ 5320 MHz (ETSI) 5500 ~ 5700 MHz (ETSI)
Power Supply	
PoE Input Power	48 VDC, 0.6 A
AC Power Adapter	AC Input: 100 ~ 240 VAC DC Output: 12 VDC, 2 A
Power Consumption	22.5 W maximum
Regulatory Compliances	
Radio	EN 300 328 V1.8.1:2012 EN 301 893 V1.7.1:2012 EN 301 489-1 V1.9.2 (2011-09) EN 301 489-7 V1.3.1:2005 FCC Part 15C 15.247/15.207 (2.4-2.4835GHz, 5.725-5.850GHz) FCC Part 15E 15.407 (5.150GHz-5.250GHz)
Emissions	EN 55022 2010+AC:2011 EN 61000-3-2 2006+A1:2009+A2:2009 FCC Class B Part 15
Immunity	EN 55024 : 2010 EN 61000-4-2 : 2009
Safety	UL (CSA 22.2 No. 60950-1 & UL60950-1) CB (IEC/EN60950-1)