Quick Start Guide
802.11a/ac/b/g/n Outdoor Wireless Access Point
ECWO7211-L / ECWO7220-L

Edge-corE ®

1. Unpack the AP and Check Contents

ECWO7211-L / ECWO7220-L
802.11a/ac/b/g/n
Wireless Access Point

Wall/pole-mounting bracket arm

Pole-mounting bracket

Four expansion bolts with nuts and washers

Long bolt with nut and washers

Two steel-band clamps

Ground wire

Two weatherproof RJ-45 port covers

Documentation—*Quick Start Guide* (this document) and *Safety and Regulatory Information*

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

2. Mount the AP
The AP can be mounted on a wall, or pole.

a. Mounting on a Wall

1. Drill four holes in the wall deep enough for the included wall expansion bolts. Insert the four bolts in the holes leaving the threaded part exposed.
2. Place the wall-mount bracket over the four bolts and use the nuts and washers to secure the bracket to the wall.
3. Slide the AP onto the bracket arm and secure it using the included long bolt, nut, and washer.

b. Mounting on a Pole
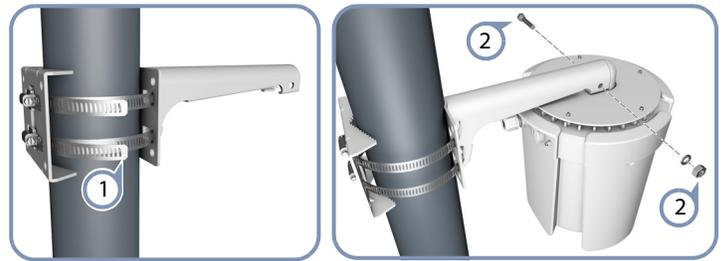
1. Secure the two mounting bracket parts to the pole using the two included steel-band clamps.
2. Slide the AP onto the bracket arm and secure it using the included long bolt, nut, and washer.

3. Ground the AP
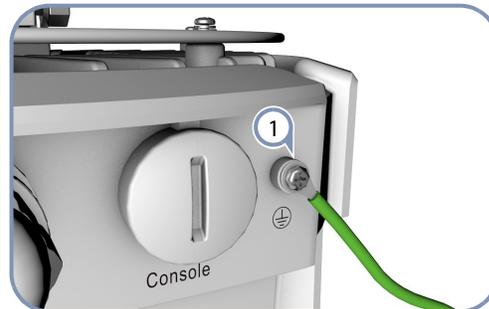
1. Ground the AP by connecting the included ground wire to the grounding point on the AP and to nearby good earth connection.

4. Connect LAN Cables
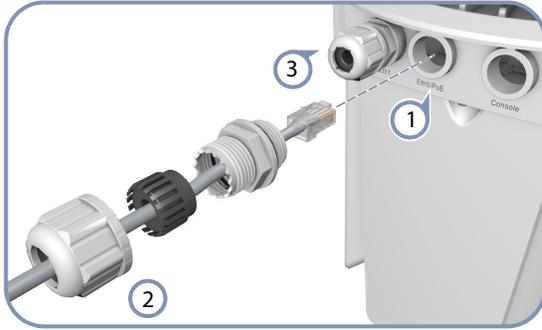
① Connect outdoor-rated Category 5e or better cable to the 1000BASE-T RJ-45 Eth0/PoE port. Be sure to use the included weatherproof RJ-45 port cover.

② Connect the other end of the outdoor-rated Ethernet cable to an 802.3at-compliant PoE switch or power injector.

③ (Optional) Connect a local LAN switch or computer to the Eth1 1000BASE-T RJ-45 port. Be sure to use the included weatherproof RJ-45 port cover.

ⓘ **Note:** The Eth/PoE port connection provides PoE power to the unit.

5. Connect to the Web User Interface
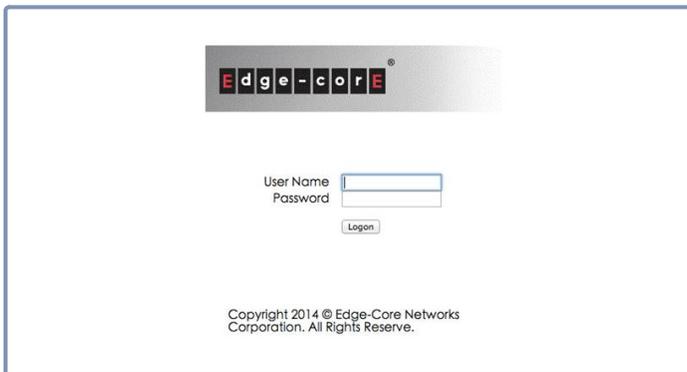
① Connect a PC directly to the AP or to the PoE network switch connected to the AP.

② Set the 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 with subnet mask 255.255.255.0).

③ Enter the AP's default management IP address of 192.168.1.10 into the web browser address bar.

④ Log in to the web interface using default settings:
User Name = admin
Password = admin

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

Hardware Specifications

Chassis	
Size (W x D x H)	239 x 239 x 290 mm (9.41 x 9.41 x 11.42 inch)
Weight	2.824 kg (6.23 lb) without mounting brackets
Temperature	Operating: -40 °C to 60 °C (-40 °F to 140 °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 Port: 1000BASE-T
2.4 GHz Radio	IEEE 802.11b/g/n
5 GHz Radio	IEEE 802.11a/ac/n
Radio Frequencies	2.4 – 2.4835 GHz (US, Canada, ETSI) 5.15 – 5.25 GHz (lower band) US/Canada, Europe 5.725 – 5.825 GHz (upper band) US/Canada

Power Supply	
PoE Input Power	48 VDC (802.3at-standard compliant)
Power Consumption	25.5 W maximum

Regulatory Compliances	
Radio	EN 300 328 V1.9.1 (2015-02) EN 301 893 V1.8.1 (2015-03) EN 301 489-1 V1.9.2 (2011-09) EN 301 489-7 V2.2.1 (2012-09) FCC Part 15C 15.247/15.207 (2.4-2.4835GHz, 5.725-5.850GHz) 2014 FCC Part 15E 15.407 (5.150GHz-5.250GHz) 2014
Emissions	EN 55022 2010+AC:2011 EN 61000-3-2:2014 FCC Class B Part 15, 2014
Immunity	EN 55024 : 2010 EN 61000-4-2 : 2009
Safety	UL (CSA 22.2 No. 60950-1 & UL60950-1 & CSA/UL 60950-22) CB (IEC/EN60950-1,IEC/EN60950-22)