

Using EnGenius Cloud Services

ECW Series
Version 1.1

Cloud Managed Outdoor Access Point

Package Contents

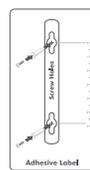
-ECW160



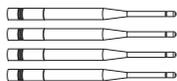
AP / Bridge



Quick Installation Guide



Adhesive Label



Detachable Antennas
2 x 2.4GHz Antennas
2 x 5GHz Antennas

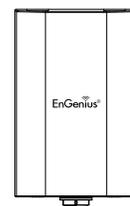


Pole Mounting Strap x1



Wall Mount Screw Kit

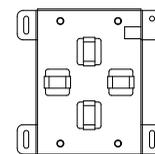
-ECW260



AP / Bridge



Quick Installation Guide



Mounting Bracket



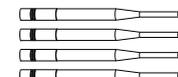
Ground Wire & Screw Set



Mounting Screw Kit x 2



Pole Mounting Strap x 2



Detachable Antennas
2 x 2.4GHz Antennas
2 x 5GHz Antennas

Minimum Requirements

Power source option - An ECW device can be powered up by an 802.3af/at-compliant PoE device.

Ethernet port:

* LAN (PoE): Uplink port accepts an 802.3af/at power source.

Pre-Installation Preparation

Please confirm that your device has established a connection to the Internet before proceeding.

Registering a device and configuring on EnGenius Cloud should be completed before performing an on-site installation.

Notice: The browser version for Cloud GUI supported list as following.

- (1) Google Chrome: 57.0.2987.110 and later
- (2) Apple Safaris: 10.0.3(12602.4.8) and later
- (3) Microsoft Edge: 80.0.361.103 and later
- (4) Mozilla Firefox: 52.0 and later

A) Register an account to sign in EnGenius Cloud

(<https://cloud.ingenius.ai>) if you use this service first time.

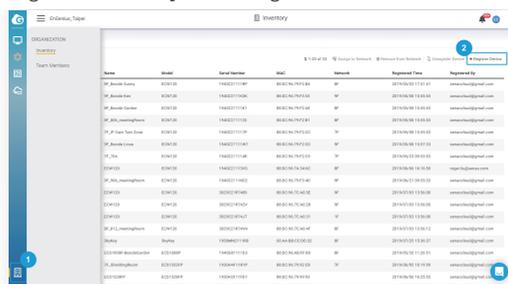
B) When logging on, you can use the existed default Network or create a personalized Network under the Org. and provide a configuration to enable push operations to cloud devices.

C) Register device to your cloud account

C-1. Register device through EnGenius Cloud

On the Cloud GUI

- i) Follow this path to add the serial no. of this device:
Org -> ① Inventory -> ② Register Device

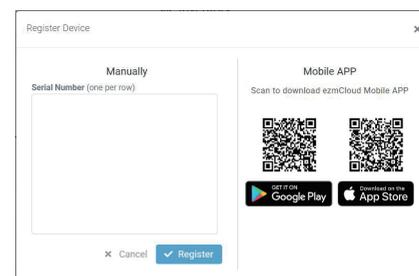


Locate the serial no. on the back of the device.



← Device Label

- ii) Input the serial no. from the device label, and then click "Register"



- iii) In the "① Inventory" page, using "Assign to Network" (Assign to Network) to assign the device to your personalized network.



C-2. Register devices through the mobile app

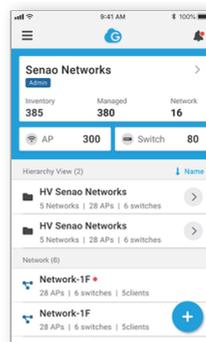
On the Cloud APP

- i) Download the EnGenius Cloud App via your smartphone

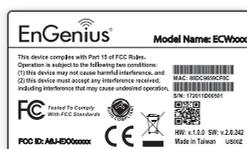


- ii) Log in with your cloud account (if you do not have an account, please sign up on <https://cloud.ingenius.ai>)

- iii) Select an organization and then click "+" on the down-right corner to add the device.

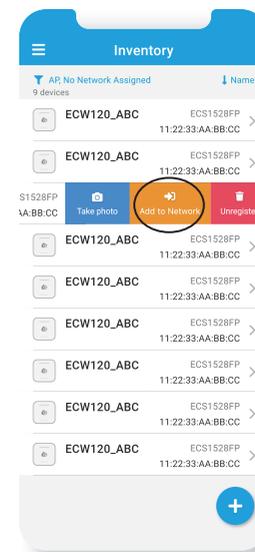


- iv) Scan the QR code on the device label for adding the device to Inventory of this organization. You also can manually add S/N to Inventory of this organization.



Device Label

- v) Add the device to your network, slide the device to left and then click "Add to Network" by using EnGenius Cloud App.



D) This device is now added into your network.

E) Check your firewall settings to prevent any issues.

Make sure that your firewall allows 80/443 port outbound access.

F) Automatically Firmware upgrade

Once the device is connected to Cloud, it will be upgraded to the most up-to-date firmware version automatically. While the firmware is upgrading, the LED light will blink for few minutes till the process has been finished.

ii) Enter the URL in web browser:

<http://EnGenius.local> or the IP 192.168.1.1 to access the device's user interface. You can review device status after logging into the AP with the default account/password (default admin account/ password : admin/ admin.)



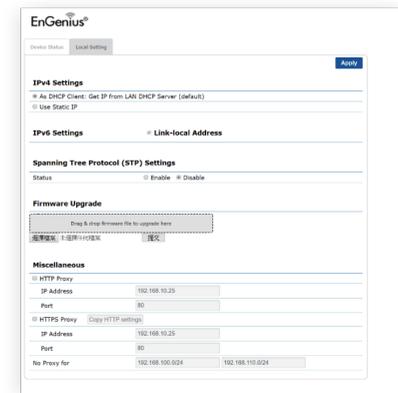
iii) By default, EnGenius cloud access point (ECW series) is assigned an IP address dynamically by the DHCP server. If you encounter issues with IP address assignment, please double check the IP settings including IP address, subnet mask, gateway, proxy, and management VLAN. If the issue is still existed, you may change your IP assignment from "DHCP mode" to "Static IP" via the following procedure.

a) Select "Local Setting" on this page.

b) Change IPv4 setting from "AS DHCP client" to "Use Static IP".

c) Configure the IP address, gateway, net mask, and proxy policy as required.

d) Reconnect this device to the LAN again if necessary.



Troubleshooting the Cloud Connection

Usually it will take 2-3 minutes to power up the AP and connect to the Cloud. If firmware upgrade is required, it might take even longer to 8-10 minutes for firmware upgrade done. If you still see power LED light blinking after three more minutes, there might have the problem about connecting to EnGenius Cloud.

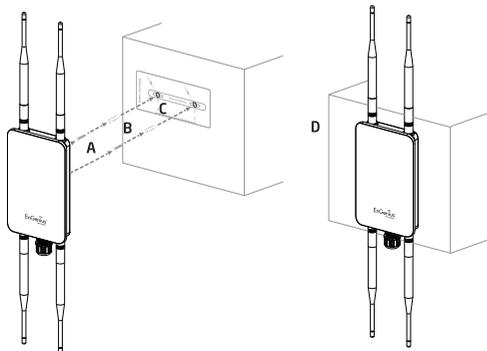
To troubleshoot the connection issue, you may login to Local page:

i) Use your client device (e.g., a laptop, mobile device, or tablet) to find the SSID: "EnMGMTxxxx" (xxxx is the last four digits of LAN MAC which can be found on the back of the device) and connect to it.

Wall Mounting the Outdoor Device

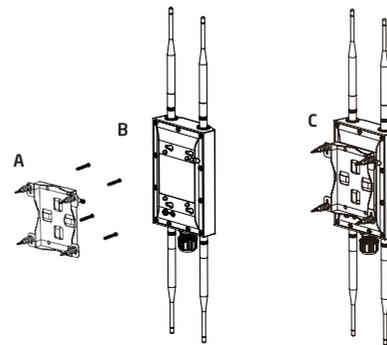
ECW160

- Determine where the Access Point to be placed and stick the Adhesive label on the surface.
- Use the appropriate drill bit to drill two 8.1 mm diameter and 26mm depth holes on the markings of the label.
- Remove the label and Screw the anchors into the holes until they are flush with the wall.
- Screw the included screws into the anchors. Place the Access Point against wall with the mounting screw heads.



ECW260

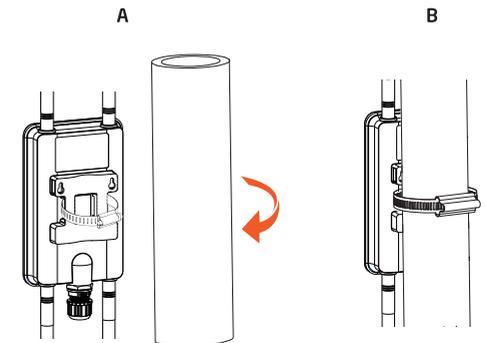
- Determine where the Access Point to be placed and mark location on the surface for the four mounting holes of wall mount base. Use the appropriate drill bit to drill two 8.1mm diameter and 26mm depth holes in the markings and hammer the bolts into the openings. Screw the anchors into the holes until they are flush with the wall.
- Screw the included screws into the anchors.
- Slide the mount bracket into the slot of the Access Point.



Pole Mounting the Outdoor Device

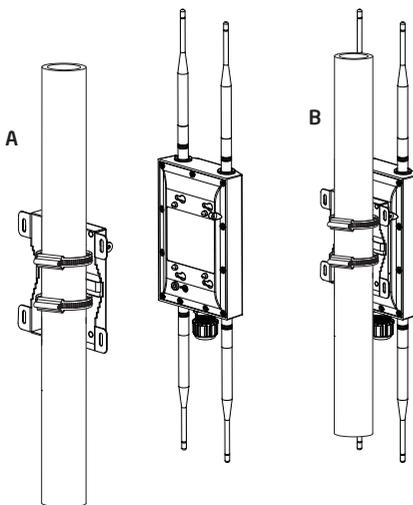
ECW160

- Thread the open end of the Pole Strap through the two tabs on the Pole Mount Bracket.
- Lock and tighten Pole Strap to secure Pole Mount Bracket to the Pole.



ECW260

- Thread the open end of the pole strap through the two tabs on the pole mount bracket.
- Lock and tighten pole strap to secure pole mount bracket to pole.



Technical Support

Country of Purchase	Service Center	Service Information
North America www.engenius-tech.com	Los Angeles, USA	support@engenius-tech.com Local: (+1)714 432 8668 Press 1 - Tech support
	Canada www.engeniuscanada.com	rma@engeniuscanada.com Local:(+1) 905 940 8181 and then follow the prompts press 3 -RMA and Tech Support
Europe www.engeniusnetworks.eu	Netherlands	support@engeniusnetworks.eu
Africa / CIS / Middle East www.engenius-me.com	Dubai, UAE	support@engenius-me.com Local: (+971) 4 339 1227
Asia / Oceania www.engenius-tech.com.sg	Singapore	support@engenius-tech.com Local: (+65) 6227 1088
Taiwan www.engenius-tech.com.tw	Taiwan, R.O.C.	twsupport@engeniusnetworks.com Toll Free: 0800-003-885

NOTE

EnGenius

Maximum data rates are based on the IEEE standards. Actual throughput and range may vary depending on many factors including environmental conditions, distance between devices, radio interference in the operating environment, and mix of devices in the network. Features and specifications 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. Trademarks and registered trademarks are the property of their respective owners. For United States of America: Copyright © 2020 EnGenius Technologies, Inc. All rights reserved.