EnGenius®

Using EnGenius Cloud Services

ECW Series
Version1.0

Cloud Managed Indoor Access Point

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-ECW120

Cloud Managed Indoor Access Point

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-ECW220
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Cloud Managed Indoor Access Point

Quick Installation Guide

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

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

Mounting kit

Minimum Requirements

Power source option - An ECW device can be powered up by an 802.3af/at-compliant PoE device or by DC12V input.
Do not use both power sources at the same time.
Ethernet port:
* LAN (PoE): Uplink port accepts an 802.3af/at power source.
* LAN2: Data link if this port is built on a device.

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
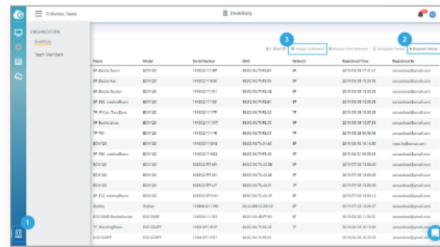   (3) Edge
   (4) Mozilla Firefox: 52.0 and later

A) Register an account to log onto EnGenius Cloud (https://cloud.engenius.ai) if you are using this service for the 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 the cloud

On the Cloud GUI

C-1. Register device through EnGenius Cloud
i)   Locate the serial no. on the back of the device.

↑ Device Label

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

iii) In the "Inventory" page (1) , using "Assign to Network" (3) (Assign to Network)to assign the device to your personalized network.

On the Cloud APP

C-2. Register devices through the mobile app

D) This device is now configured on the network to provide network service.

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 most up-to-date firmware version automatically. While the firmware is upgrading, the LED will blink for few minutes till the process of firmware upgrade have been finished.

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, then it might take even longer to 8-10 minutes for firmware upgrade done. If you still see power LED blinking after three more minutes, then 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 MAC – MAC would be found on back of the device) and connect to it.

i)   Download the EnGenius Cloud App via your smartphone.
ii) Log in with your cloud account (if you don't have one, please sign up on https://cloud.engenius.ai)
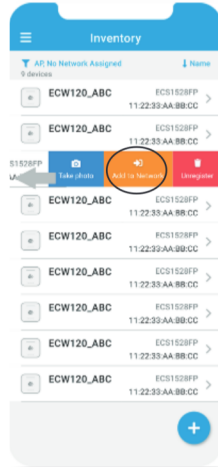   a) Click " " on the down-right corner.

   b) Scan the QR code on the device label, or add serial no. manually.

↑ Device Label

c)   Slide left the device in the Inventory, then select "Add to Network" by using EnGenius Cloud App.

↑ Slide left

ii) Under your web browser, enter the URL: **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 admin 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.

Mounting the Indoor Access point
-ECW120

Using the provided hardware, the Access Point can be attached to a ceiling or wall.

To attach the Access Point to a ceiling or wall using the mounting bracket:

A) Attach the mounting bracket to the wall or ceiling using the provided wall /ceiling mounting hardware kit.

B) Insert the provided short screws into the bottom cover of the Access Point Leave enough of the screws exposed to ensure that the unit can be attached to the mounting bracket. If extra space is required, use the provided spacers and long screws from the T-Rail mounting hardware kit to increase the space between the unit and the mounting bracket.
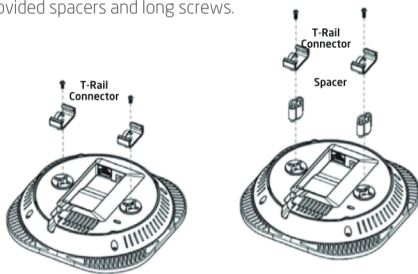

C) Mount the Access Point on the mounting bracket by rotating the unit clockwise about 90 degrees to secure it in place.
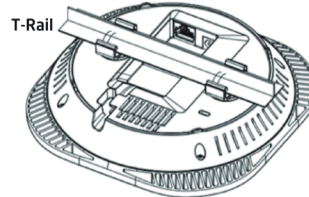
To attach the Access Point to a ceiling using the provided T-Rail connectors:

A) Attach the T-rail connectors to the bottom cover of the Access Point using the provided short screws.

Two sizes of T-rail connectors are included in the mounting hardware kit:15/16 in (2.38cm) and 9/16 in (1.43cm)If extra space is required to accommodate drop ceiling tiles, use the provided spacers and long screws.

B) Line up the connected T-rail connectors with an approriately sized rail and press the unit onto the rail until it snaps into place.
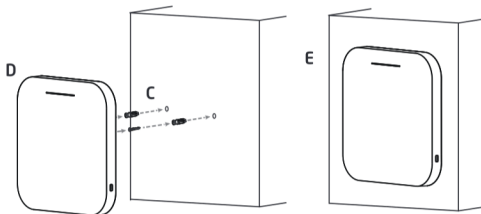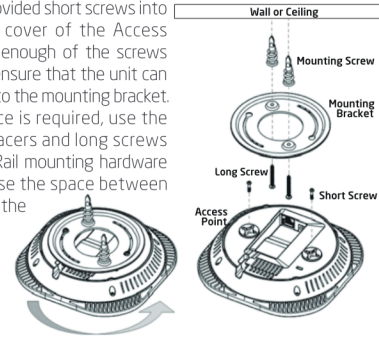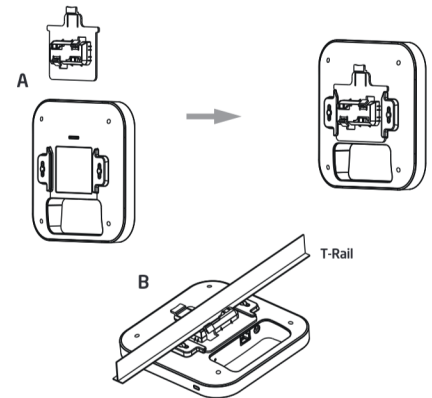

Note: To protect your Access Point , use the Kensington security slot to attach a cable lock (cable lock is not included).

Wall Mounting the Access Point

A) Determine where the Access Point to be placed and mark location on the surface for the two mounting holes of wall mount base. Use the appropriate drill bit to drill two 8.1mm diagram and 26mm depth holes in the markings and hammer the bolts into the openings.

B) Screw the anchors into the holes until they are flush with the wall.

C) Screw the included screws into the anchors.

D) Slide the wall mount base into the slot of the Access Point.

-ECW220 / -ECW230

A) Slide the ceiling mount base into the slot of the Access Point.

B) Hold the Access Point with one hand to reach the other hand over the T-Rail sides of the bracket. Then hook the stationary end of the ceiling mount bracket onto the T-Rail.

Wall Mounting the Access Point

C) Continued from A, determine where the Access Point to be placed and mark location on the surface for the two mounting holes. Use the appropriate drill bit to drill two 8.1mm diagram and 26mm depth holes in the markings and hammer the bolts into the openings.

D) Screw the anchors unto the holes until they are flush with the wall ; screw the included screws into the anchors.

E) Place the Access Point against wall with the mounting screw heads.

Technical Support

Country of Purchase	Service Center	Service Information
North America www.engeniuscanada.com	Los Angeles, USA	rma@engeniuscanada.comToll Local: (+1) 714 432 8668
www.engeniustech.com	Canada	support@engeniustech.com Local: (+1) 905 940 8181
Europe www.engeniusnetworks.eu	Netherlands	support@engeniusnetworks.eu Local: (+31) 40 8200 887
Africa / CIS / Middle East www.engenius-me.com	Dubai, UAE	support@engenius-me.com Local: (+971) 4 357 5599
Asia / Oceania www.engeniustech.com.sg	Singapore	support@engeniustech.com Local: (+65) 6227 1088
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NOTE

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請勿列印此頁
Don't print this page.

Dimension: 84*90 mm
Ink: 單色黑
Tolerance: ±1mm
Material: 模造紙 80P

部門	外觀設計課		料號	6709A3203540				
日期	2019/09/20	比例	1／1	單位	mm		工業設計工程師	Dona
該專案經理人或業務之內容核准		品牌產品規劃PM		檢圖	Rennier			