

# Using EnGenius Cloud Services

ECW115  
Version 1.0

## Cloud Managed Indoor Access Point

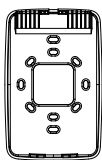
## Package Contents



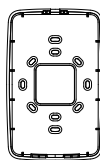
Cloud Managed Indoor Access Point



Quick Installation Guide



Junction plate(short)



Junction plate(tall)



Mounting Screw Kit

## Minimum Requirements

Power source option - The ECW115 can be powered up by an 802.3af compliant PoE device or DC12V input.

**Do not use both power sources at the same time.**

Ethernet port:

\*LAN1(PoE In): Uplink port accepts an 802.3af/at power source

\*LAN2(PoE In): Uplink port accepts an 802.3af/at power source

\*\*LAN1 and LAN2 only could choose one port to be PoE in

\*LAN3(PSE Output): Could provide the 50V --- 0.275A to PD (powered 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

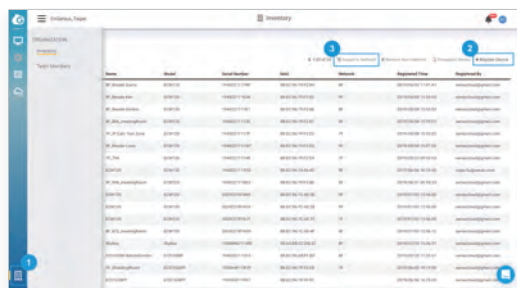
**A) Register an account to log onto EnGenius Cloud**

(<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.

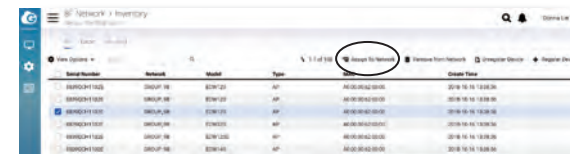


↑ Device Label

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

- 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.

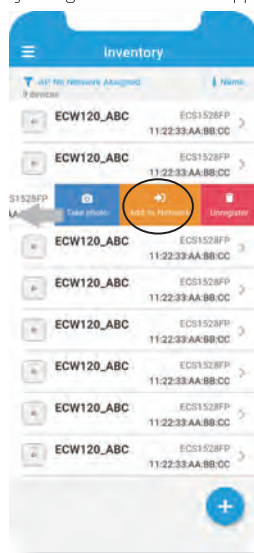


- b) Scan the QR code on the device label, or add serial no. manually.



↑ Device Label

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



↑ Slide left

**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.

- 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.

- Select "Local Setting" on this page.
- Change IPv4 setting from "AS DHCP client" to "Use Static IP".
- Configure the IP address, gateway, net mask, and proxy policy as required.
- Reconnect this device to the LAN again if necessary.

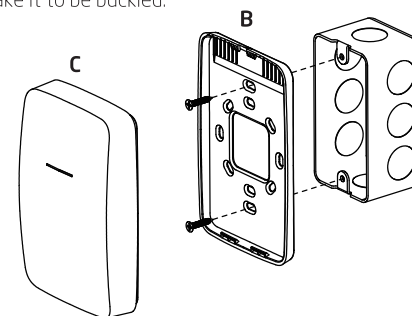


## Mounting the Indoor Access point

- ECW115

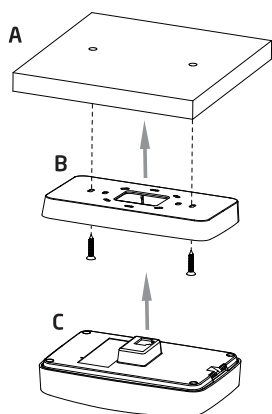
### 1 To attach the Access Point on a wall (with junction box) by using the junction plate (short):

- Remove the cover from the wall plate of junction box.
- Align the junction plate (short) to the wall plate and affix the junction plate (short) to outlet box by using the original cover screws.
- Place the Access Point onto the junction plate (short) and make it to be buckled.

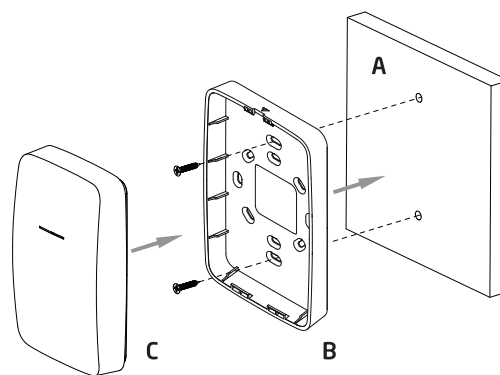


### 2 To attach the Access Point on a wall or ceiling by using the junction plate (tall):

- Determined where the Access Point to be placed (wall/ ceiling,) marking location on the surface for the two mounting holes.
- Then aligning the junction plate (tall) to the wall/ ceiling and fasten screws on the holes.
- Place the Access Point onto the junction plate (tall) and make it to be buckled.



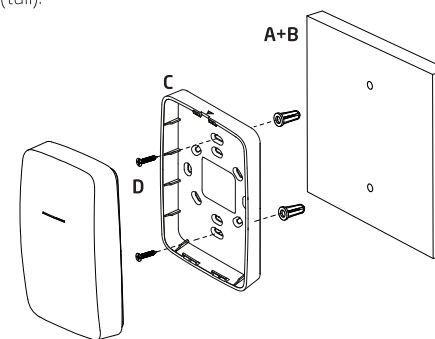
(Ceiling)



(Wall)

### 3 To attach the Access Point on a wall by using the junction plate (tall) with anchors:

- Determined 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 6.5mm diameter and 35mm depth holes in the markings.
- Then attaching the junction plate (tall) on the ceiling and hammering the bolts into the openings.
- Screw the anchors unto the holes until they are flush with the wall, screw the included screws into the anchors.
- Place the Access Point against the wall with junction plate (tall).



## Technical Support

Country of Purchase    Service Center    Service Information

**North America**  
[www.engeniuscanada.com](http://www.engeniuscanada.com)    Los Angeles, USA    rma@engeniuscanada.com Toll Local: (+1) 714 432 8668

[www.engenustech.com](http://www.engenustech.com)    Canada    support@engenustech.com Local: (+1) 905 940 8181

**Europe**  
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**Africa / CIS / Middle East**    Dubai, UAE    support@engenius-me.com Local: (+971) 4 357 5599

**Asia / Oceania**  
[www.engenustech.com.sg](http://www.engenustech.com.sg)    Singapore    support@engenustech.com Local: (+65) 6227 1088

**Taiwan**  
[www.engenustech.com.tw](http://www.engenustech.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 © 2019 EnGenius Technologies, Inc. All rights reserved.



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Dimension: 84\*90 mm

Ink: 單色黑

Tolerance:  $\pm 1$ mm

Material: 模造紙 80P

部門	外觀設計課			料號	6709A3203560		
日期	2019/10/09	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		