# EnGenius

# Using **EnGenius Cloud Services**

ECW Series Version1.1

Cloud Managed Outdoor Access Point

# **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.engenius.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-2. Register devices through the mobile app

#### On the Cloud APP

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.engenius.ai)

## **Package Contents** -FCW160



Guide

Adhesive Label







### C) Register device to your cloud account

C-1. Register device through EnGenius Cloud

On the Cloud GUI

Detachable Antennas

2 x 2.4GHz Antennas

2 x 5GHz Antennas

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

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ORGANIZATION							_
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	Asses	Model	Serial Namber	Mac	Maturels	Rephered Time	Repaired By
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	97_Bruide Ken	8CW120	1N003111KIK	88.0034.7973.83	*	2019/06/08 18:85:83	senacebool/pproal.com
	SF_Beside Cardon	ECN120	1940021111141	88.0C % 79.F2 #E		2010/06/08 18:85:83	senacebool@proal.com
	SF_\$25, meeting?aura	EGN120	194002111133	88.00367872.81		2010/06/08 18:85:53	senacebud@proal.com
	17_P-Care Test Zone	8CN120	19400211117P	88.00.9679/2.00	77	2010/06/08 15:55:53	senarclast@prail.com
	OF_Beside Linus	8GN120	1940C21111WT	88.00.9679/2.00		2010/05/08 15:57.03	senacebud@pmal.com
	77,284	60W120	19400211114R	85.00.957972.09	74	2119/05/23 09:53:53	senacebud@gmail.com
	60W129	60W120	194002111380	85.00.9574,94.00		2010/06/06 16:16:58	repat.ku@seras.com
	W_306_meetingheem	60W120	194002111602	859035797340	*	2819/06/21 09:55:03	senaccloud@gmail.com
	60w129	00W120	082902187489	85/90/95/70/A0/5E	*	2010/07/03 13:96:00	senacchud@gmail.com
	CCW129	00W120	08296218742V	80.00.9670.40.28	97	2819/07/88 13:56:08	senacchud@gmail.com
	CCW129	00W120	0829021874/T	80.00.9670.40.01	8	2819/07/83 13:56:08	senacchud@gmail.com
	06_812_meetingRoom	60W120	082902187498	80:00:9670:A0:4F	8	2819/07/88 13:56:12	senacchud@gmail.com
	Skylley	Styling	1950MH211199	80.AA.89.00.00.02	B.	2819/07/251536-07	senacchud@gmail.com
	CCS1000P-BesideConton	6051388P	194050111120	80.0036303530	16 E	2819/05/20 11:26:51	senacchud@gmail.com
9	15_Shieldingkoom	6051553FP	130044511812	88/20195/78/92:08	8	2010/06/05 10:19:59	senacchud@gmail.com
	609/028PP	6051528FP	180060511602	8820236289933		2019/06/06 16:25:55	senacchud@gmail.co

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



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

Senao M	Networks	
Inventory 385	Managed 380	Network 16
😨 AP	300 😑 :	Switch 8
Hierarchy Vie	iw (2)	1 Na
HV Se	nao Networks orks   28 APs   6 sw	itches
HV Se	nao Networks orks   28 APs   6 sw	itches
Network (6)		
Netwo	ork-1F •	nts
28 APs		

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.









AP / Bridge

**Ouick Installation** Guide

Mounting Bracket





Ground Wire & Screw Set Mounting Screw

Pole Mounting Stran x 2

-Detachable Antennas \_\_\_ 2 x 2.4GHz Antennas T\_\_\_\_

83

2 x 5GHz Antennas

Kit x 2

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

Mobile APP
Scan to download ezmCloud Mobile APP
OET IT ON
Google Play App Store

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

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2	M Used Unused				$\bigcirc$		
	Scarch Search		Q,	N 1	-7 of 100 🕻 😪 Assign To Network 🕽 🖬 Pa	ersove from Network 🚦 Unnegister Device	+ Register Device
1	Serial Number	Network	Model	Type	1000	Create Time	
1	06550CH1132E	GROUP,98	ECW120	AP.	40:00:00:62:00:00	2018-16-16 13 38 36	
	0835QCH1132E	GROUP.98	ECW120	AP	A0:00:00:62:00:00	2018-16-16 13 38 36	
	OB35QCH11322	GROUP_98	ECW120	AP	40:00:00:62:00:00	2018-16-16 13.38.36	
	0835QCH1132E	GROUP_98	ECW320	AP	40:00:00:62:00:00	2018-16-16 13 38 36	
	0839QCH1132E	GROUP_98	ECW120D	AP.	40:00:00:62:00:00	2018-16-16 13:38:36	
	0835QCH1132E	GROUP.98	ECW140	AP	A0.00.00.62.00.00	2018-10-16 13:38:36	

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



Device Label

#### 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.

## **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

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



#### 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.)

Device Status Loc	al Setting		
Device Overvie	~		
Name	ECW129	IP Address	10.32.6.101
Model	ECW120	MAC Address	00 DC 00 EE EE 30
Serial Number	00000000000	Current Firmware	v1.0.3
a classi Ostala			
Charl Desirbation			
Date of Desistration	2010/021 1-028/38/54		
Lant Update Time	2019/621 (249-39-0) Helivity		
Local Network Corre	2018621 (246:39:00		
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Lont Update Time	2019/021 (Expended)		
Last Update Time	2018/021 _kH0.30.04 https://www.scoreafully 122.6.10 126.1		
Last Update Time	2019621 _kp3.00 ICENTRY Cal network successfully 122 A 10 CAL 10HCP		
Lest Update Time	2219521 _k9-30.04 kBWRy calinetwork successfully 122.5 101 CAS LONCP		
Last Update Time  C Network Correct  Local Network  Connected to Io  P address 11  Gamesy 10  Getton LAb  Informet	2316621 <u>A</u> VE3200 NUMP Coll network successfully 255 570 265 5 2007		
Lad Updele Time  Instruct Correct Local Network Connected to Io Passes 11 Gamma 103 Genton LA Internet Connected to Io	2316621 <u>b</u> (#232.04 <b>Stirkey</b> Coll network successfully 132.6 V0 Enco		
Last Updels Time	2319621 (j. 942-3004 ictivity izta to: 1214		
Last Updein Time	2316021 (j. #423204 robinity cal network successfully 232.6 xto 20002 servet successfully		
Last Update Time	2019/021EE0000		

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.

#### ECW260

- A) 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 diagram 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
- B) Screw the included screws into the anchors.
- **C)** Slide the mount bracket into the slot of the Access Point.



## **Technical Support**

Country of Purchase	Service Center	Service Information
North America	Los Angeles, USA	support@engeniustech.com Local: (+1)714 432 8668 Press 1 - Tech support
www.engeniuscanada.com	Canada	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.engeniustech.com.sg	Singapore	support@engeniustech.com Local: (+65) 6227 1088
Taiwan	Taiwan, R.O.C.	twsupport@engeniusnetworks.com Toll Free: 0800-003-885

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.

Newlee Status Local Setting			
			Apply
1Pv4 Settings			
# As DHCP Client: Get IP fro	m LAN DHCP Server (default	)	
IPv6 Settings	I Link-local Ad	dress	
Spanning Tree Protoco	(STP) Settings		
Status	© Enable ® Disable	•	
Firmware Upgrade			
Firmware Upgrade	are file to upgrade here		
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### Pole Mounting the Outdoor Device ECW160

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



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 note. 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.

#### ECW260

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

