E nGenius

Quick Installation Guide

EnStation5-AC Kit **EnStationAC Kit** ENH500 Kit Version3.0

Outdoor Access Point/Client Bridge

Connecting the Device

You must know :

This kit is pre-configured in AP (Master, 192.168.1.1) and CB (Remote, 192.168.1.2) mode. Wireless connection will be built automatically once the devices are powered up.

A) Remove the rear bottom panel.

- B) Connect one end of the Ethernet cable into the LAN(PoE) port of the device and the other end to the PoE Port on the PoE Adapter.
- Connect the Power cord to the PoE Adapter and plug the other end C) into an electrical outlet.
- Connect the second Ethernet cable into the LAN port of the PoE D) Adapter and the other end to the Ethernet Port into the computer. E) Place the panel removed from step A back onto the device.

Note:

- + The device should ONLY be powered via Ethernet cable connected to included PoE Adapter. EnStation5-AC/ENH500: Support proprietary 24V PoE input. EnStationAC: Support proprietary 54V PoE input
- + For EnStationAC : The 2nd Ethernet port of the device can supply the 802.3af power source when used with the included PoE Adapter



Device Setup

A) To configure the device, open a web browser and enter IP address as below

- IP: 192.168.1.1 If the last two digits of the serial number



- IP: 192.168.1.2 If the last two digits of the serial number on the device label is -2

B) A login screen will appear. By default, the username of the device is admin and the password is admin. Enter the current username and password of the device and then click Login.



- Note: The model name on login screen depends on the product you are using
- C) You can also use the EnWiFi App and connect to the management SSID which is on the device label and GUI to configure the device. The default Wi-Fi password is 12345678



Package Contents EnStation5-AC EnStationAC



















Bracket*2



Quick Installation Guide

Pole Mounting Strap*2







Dynamic Stick*2



A) Once your computer is on, ensure that your TCP/IP is set to On or Enabled. Open Network Connections and then click Local Area Connecton. Select Internet Protocol Version 4 (TCP/IPv4).



4 Switching Modes

Configure on GUI

A) The device can operate in the following modes EnJet enabled: Access Point, Client Bridge, WDS AP, WDS Station. EnJet disabled: Access Point, Client Bridge, WDS AP, WDS Bridge, WDS Station.

nGenius®				English	1
StationAC	Single Radio AP, 2T2R, 867Mbps		Changes: 0	Reset	Lop
DverView	Device Information				
Device Status	Device Name	EnStationAC			
Connections	Serial Number				
Realtime	MAC Address				
Network	- LAN	88:DC:96:00:10:02			
Basic	- Wireless I AN - SGHz	88:DC:96:00:10:03			
Wireless	Country	USA			
Management	Current Local Time	Tue Jun 19 03:56:3	5 2018		
Advanced	Uptime	0h 15m 58s			
Time Zone	Firmware Version	v3.0.1			
WiFi Scheduler	Management VLAN ID	Untagged			
Tools					
System Manager					
Account					
Firmware	Memory Information				
Log	Total Available	77172 kB / 126316 kB (61%)		
	Free	45696 kB / 126316 kB (36%)		
	Cached	22820 k8 / 126316 k8 (18%)		
	Buffered	7656 kB / 126316 kB (6%)		

Note: The model name on login screen depends on the product you are using



Device *2

Ouick Installation



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PoE Adapter*2

Power Cord*2

ENH500

Waterproof *2

Pole Mounting *2 Wall Mount

Screw Set *2 **Minimum Requirements**

Broadband Internet Service (Cable or DSL Modem)

- + Internet Browser (Internet Explorer, Safari, Firefox, Chrome, Edge)
- B) If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface. (Example: 192.168.1.10 and the Subnet Mask address as 255.255.255.0.)

General	
You can get IP settings assigned aut this capability. Otherwise, you need for the appropriate IP settings.	omatically if your network support to ask your network administrator
Obtain an IP address automatic	ally
Use the following IP address:	
IP address:	192 . 168 . 1 . 10
Subnet mask:	255.255.255.0
Default gateway:	1
Obtain DNS server address aut	omatically
O Use the following DNS server as	dresses:
Preferred DNS server:	
Alternate DNS server:	• • •
Validate settings upon exit	Advanced.
	OK Can

B) Click on the Wireless link under the Network and setup the Operation Mode

EnGenius							English	
EnStationAC	Single Radio AP, 2	12R, 867Mbps				Chenges: 0	Reset	Logo
	Wiseless Settings							
OverView	Device Name	EnStationAC						
Connections	Country (Barriso	LISA						
Realtime								
Network								
Basic	EnJet							
Wireless	Disable			8	Enable			
Management								
Advanced	1	10						
Time Zone	Occupies Marks	00	riz Duint	- 10		. 0		
Will'i Scheduler	Operation wode	~	Cess Point	_	e one	in V		
Tools	Wreless Mode	80	2.11 AC/N	¥				
System Manager	Channel HT Mode	40	MHz					
Account	Channel	0						
Firmware	Chairtes		angaan					
Log	Transmit Power	AL.	100	Ŧ				
	Bit Rate Ø	C	orniguration					
	Client Limits	12	7 8 8	nable 0	Disal	xle		
	AP Detection	s	can					
	Distance (0-S0km)	1	(0.6n	iles)				
	AP Time Slot	A	10	•				
	Station Driving	10	ab					

* It may take up to 90 seconds for device to initially power up.

Configure on EnWiFi App

C) Use EnWiFi App, open configure → Wireless to setup the Operation Mode



5 Mounting the Device

Wall Mounting

EnStation5-AC / EnStationAC

- **A)** Plug the dynamic stick into the bracket.
- B) Screw the sealing nut and assembled parts, tighten it with 80kgf.cm.
- **C)** Put the nock washer on the dynamic stick.
- **D)** Assemble the mounting parts to the device.



EnStation5-AC / EnStationAC

A) Plug the dynamic stick into the bracket.

Pole Mounting

- B) Screw the sealing nut and assembled parts, tighten it with 80kgf.cm.
- **C)** Put the nock washer on the dynamic stick.
- **D)** Assemble the mounting parts to the device.



Technical Support

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www.engeniuscanada.com	Canada	rma@engeniuscanada.com Toll Free: 888 397 2788 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) 4 339 1227
Asia / Oceania www.engeniustech.com.sg	Singapore	techsupport@engeniustech.com.sg Local: (+65) 6227 1088
Taiwan www.engeniustech.com.tw	Taiwan, R.O.C.	twsupport@engeniusnetworks.com Toll Free: 0800 003 885 Local(+886) 2 2652 1808

- **E)** Determine the mounting location. Mark and drill two pilot holes aligning to the screw holes of the bracket.
- F) Put wall anchors into the holes and insert screw into the wall anchor.
- **G)** Screw and secure the bracket in place.



- $\ensuremath{\textbf{E}}\xspace$ Thread the open end of the pole strap through the two tabs on the bracket.
- F) Lock and tighten pole strap to secure bracket to the pole.



Notes

- A) Determone where the Access Point to placed and stick the Adhesive label on the surface.
- **B)** Use the appropriate drill bit drill teo 8.1 mm diagram and 26 mm 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 includes screws into the anchors. place the Access Point against wall with the mounting screw heads.



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В

- 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.

Α





Maximum data rates are based on IEEE 802.11 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. Trademarks and registered trademarks are the property of their respective owners. For United States of America: Copyright © 2020 EnGenius Technologies, Inc. All rights reserved.

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