



ENH500-AX | EnStation 6

Quick Installation Guide Outdoor Access Point / Client Bridge

ENH500-AX | EnStation 6

ENH500-AX



Device*2







PoE Adapter*2

Quick Installation Guide

Power Cord*2



Waterproof*2



Screw Set*2



Adhesive Label



Pole Mounting Strap*2

EnStation 6







Sealing nut*2





EnGenius Quick Installation Guide

Quick Installation Guide



PoE Adapter*2

Bracket*2





Power Cord*2



Pole Mounting Strap*2

Dynamic Stick*2

Screw Set*2

Minimum Requirements

Broadband Internet Service (Cable or DSL Modem)

Internet Browser (Internet Explorer, Safari, Firefox, Chrome, Edge)

1 - Connecting the Device

ENH500-AX

- a. Remove the rear bottom panel.
- b. Connect one end of the Ethernet Cable to the LAN(PoE) port of the AP/Bridge and the other end to the PoE Port on the PoE Adapter.
- c. Connect the Power Cord with the PoE Adapter and plug the other end into an electrical outlet.
- d. Connect the second Ethernet Cable to the LAN port of the PoE Adapter and the other end to the Ethernet Port on the computer.
- e. Place the panel removed from step A back into the device.
- **Note:** The device should **ONLY** be powered via Ethernet Cable connected to the included PoE Adapter.







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- a. Remove the rear bottom panel.
- b. Connect one end of the Ethernet Cable to the LAN(PoE) port of the CPE and the other end to the PoE Port on the PoE Adapter.
- c. Connect the Power Cord to the PoE Adapter and plug the other end into an electrical outlet.
- d. Connect the second Ethernet Cable to the LAN port of the PoE Adapter and the other end to the Ethernet Port onto the computer.
- e. Place the panel removed from step "a" back into the device.
- Note:
 - The device should **ONLY** be powered via Ethernet Cable connected to the included PoE Adapter, EnStation 6 supports Proprietary 24V/54V PoE input.
 - The 2nd Ethernet Port of the device can supply the 802.3af power source when used with the included PoE Adapter.



2 - IP Address Configuration

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 Connection. Select Internet Protocol Version 4 (TCP/IPv4).



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).

Internet Protocol Version 4 (TCP/IPv4)) Properties 🛛 🗙	
General		
You can get IP settings assigned autor this capability. Otherwise, you need to for the appropriate IP settings.	matically if your network supports o ask your network administrator Illy	
Output Description (ID) Use the following IP address:		
IP address:	192.168.1.100	
Subnet mask:	255 . 255 . 255 . 0	
Default gateway:		
Obtain DNS server address autor	matically dresses:	
Preferred DNS server:		
Alternate DNS server:	· · ·	
Ualidate settings upon exit	Advanced	
	OK Cancel	

3 - Device Setup

a. To configure the device, open a web browser. In the web browser's address bar enter **192.168.1.1** and hit enter.



b. A long screen will appear. By default, the device username is **"admin,"** and the password is **"admin"**. Enter the current username and password of the device and then click **Login**.

EnGenius®	
ENH500-AX	Login
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- Note: The model name on the 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 defailt Wi-Fi password is **12345678**.

4 - Switching Modes

Configure on GUI

- a. The device can operate in the following modes:
 - Access Point, Client Bridge, WDS AP or WDS Station.

EnGeniius®				Englis	h
ENH500-AX	AX3600 Dual Band Indoor Ceiling Me	ount Access Point	Changes: 0	Reset	Logout
OverView	Device Information				
Coppections	Device Name	ENH500-AX			
Realtime	Serial Number	22B0XC411V	VHЗ		
Network	MAC Address				
Bacic	- LAN	88:DC:97:13	3:39:B0		
Wireless	- Wireless LAN - 5GHz	88:DC:97:13	3:39:B2		
Management	Country	USA			
Advanced	Current Local Time	Wed Feb 15	20:00:14 2023		
Time Zone	Uptime	0h 54m 56s			
WiEi Scheduler	Firmware Version	v3.10.1_c			
Tools	Device Version	1.0			
System Manager	Management VLAN ID	Untagged			
Account	Registration Check Code				
Firmware					
Log					
	Memory Information				
	Total Available	203368 kB / 381892 k	B (53%)		
	Free	134384 kB / 381892 k	B (35%)		
	Cached	52208 kB / 381892 kB	3 (13%)		
	Buffered	16776 kB / 381892 k	B (4%)		

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

a. Click on the Wireless link under the Network and set up the Operation Mode.

EnGeniius®					English	
ENH500-AX	AX3600 Dual Band	Indoor Ceiling Mou	nt Access Point	Changes: 0	Reset	Logout
3 OverView	Wireless Settings					
Device Status	Device Name	ENH500-AX				
Connections	Country / Region	USA	~			
Realtime						
🕻 Network						
Basic			5GHz (ax/	ac/n/a)		
Wireless	Operation Mode		Access Po	oint 👻 🗆 Gree	n 🥖	
Management	WDS		Access Po	pint ple		
Advanced	Channel HT Mode		Repeater			
Time Zone	Channel		Configure	tion		
WiFi Scheduler	Chainer		Conligue			
Tools	Transmit Power		Auto	~		
System Manager	Bit Rate🥑		Configura	ation		
Account			 Enable 	 Disable 		
Firmware	Client Limits		127			
Log			O Enable	Disable		
	RSSI Threshold 🕖		-85 d	Bm		
			(Range: -6	0dBm ~ -100dBm)		
	AP Detection		Scan			
	Distance (0-30km)		1 (0.6miles)		

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

Configure on EnWiFi App

b. Use EnWiFi App, open "Configure Wireless" to set up the Operation Mode.

WIRELESS	NETWORK	SYSTEM
Country	U	sa >
Operation Mod	e Access Po	int >
Wireless		
SSID		
Security	WPA2-P	sk >
VLAN ID		22 >
Wireless Trafic	Shaping	
Download Limi Upload Limit	t Per User 500 Mb 500 Mb	ops >
Distance	22	KM >
AP Time Slot	A	uto >
Station Priority	н	igh >
Station Priority	H	igh

5 - Mounting the Device

Wall Mounting

- a. Determine where the Access Point is to be placed and stick the Adhesive label on the surface.
- b. Use the appropriate drill bit to drill the 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 included screws into the anchors and place the Access Point against the wall with the mounting screw heads.





- 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.



- 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 the screw into the wall anchor.
- g. Screw and secure the bracket in place.



Pole Mounting

- 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.





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



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Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on distance between devices or traffic and bandwidth load in the network.

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