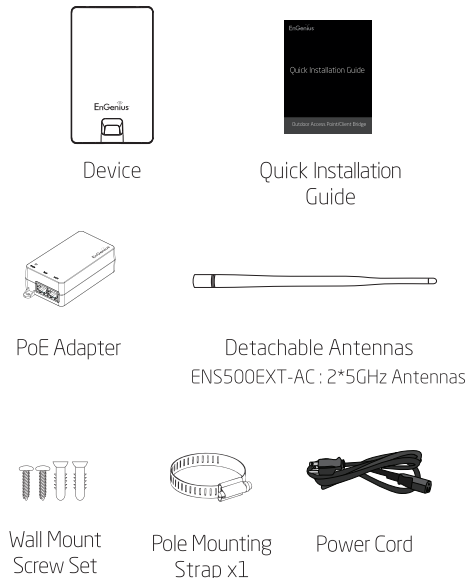# EnGenius

Quick Installation Guide

ENS500-AC
ENS500EXT-AC
EnStation5-AC
EnStationAC
ENH500
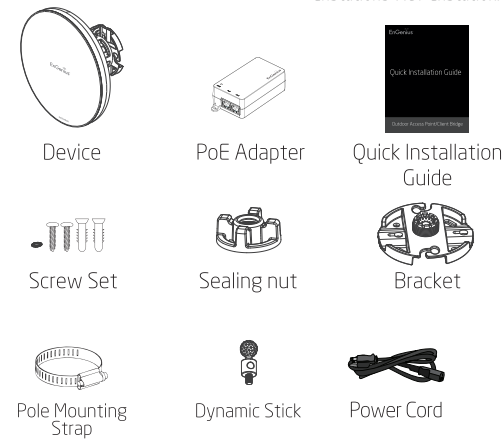Version2 .0

Outdoor Access Point/Client Bridge

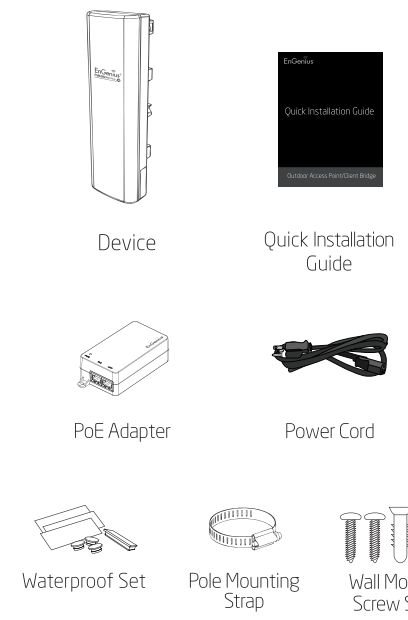
Package Contents

ENS500-AC / ENS500EXT-AC

Device

Quick Installation Guide

PoE Adapter

Detachable Antennas
ENS500EXT-AC : 2*5GHz Antennas

Wall Mount Screw Set

Pole Mounting Strap x1

Power Cord

EnStation5-AC / EnStationAC

Device

PoE Adapter

Quick Installation Guide

Screw Set

Sealing nut

Bracket

Pole Mounting Strap

Dynamic Stick

Power Cord

ENH500

Device

Quick Installation Guide

PoE Adapter

Power Cord

Waterproof Set
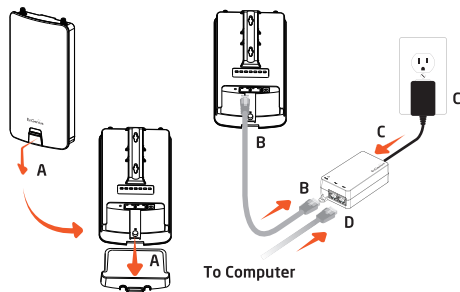
Pole Mounting Strap

Wall Mount Screw Set

Minimum Requirements

+ **Broadband Internet Service**
  (Cable or DSL Modem)
+ **Internet Browser**
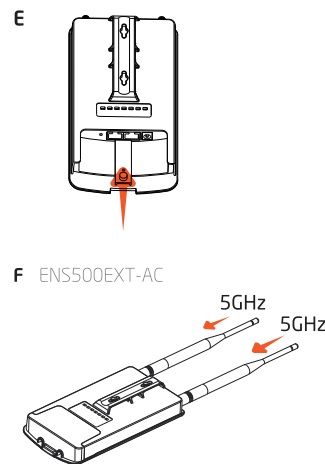 (Internet Explorer, Safari, Firefox, Chrome, Edge)

---

1 Connecting the device

ENS500-AC / ENS500EXT-AC

A) Remove the rear bottom panel
B) Connect one end of the Ethernet cable into 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 into 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.

To Computer

F) Screw on the provided antennas to the top of devices (External Antennas devices only).

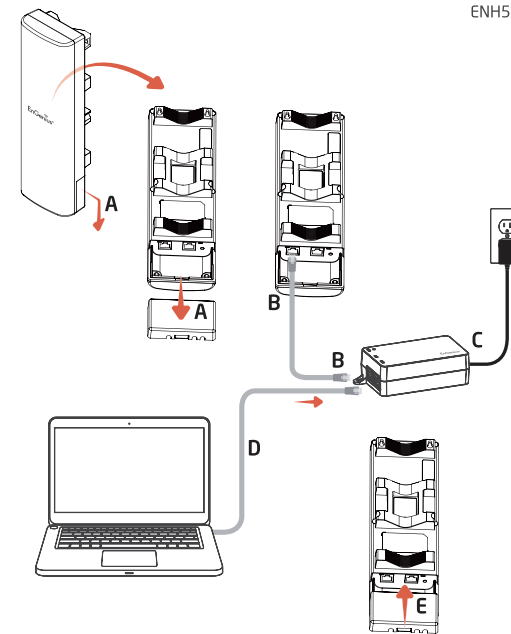**Note:** The device should ONLY be powered via Ethernet cable connected to the included PoE Adapter.

F ENS500EXT-AC

5GHz
5GHz

ENH500

EnStation5-AC / EnStationAC

A) Remove the rear bottom panel.
B) Connect one end of the Ethernet cable into 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 into the LAN port of the PoE Adapter and the other end to the Ethernet Port onto the computer.
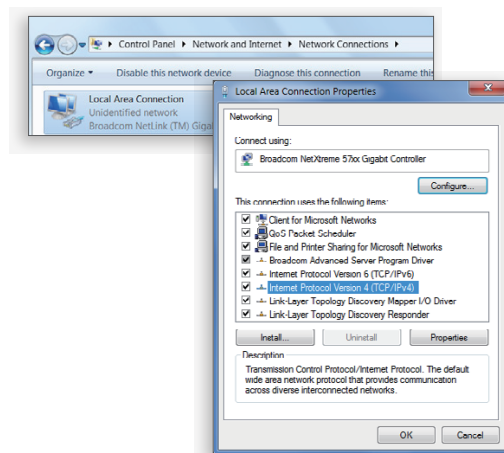**E)** Place the panel removed from step A back into the device

Note:
+ The device should ONLY be powered via Ethernet cable connected to included PoE Adapter. EnStation5-AC / EnStationAC support Proprietary 24V/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.
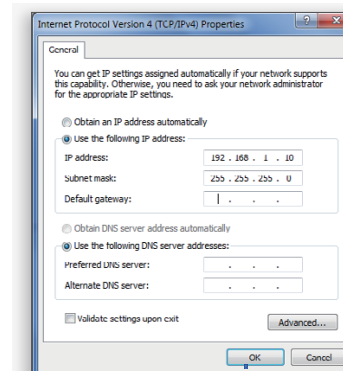
---

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 Connecton. Select **Internet Protocol Version 4 (TCP/IPv4)**.
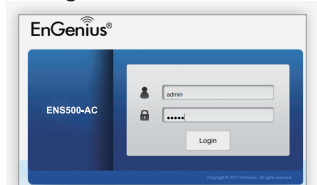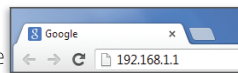
B) If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface.

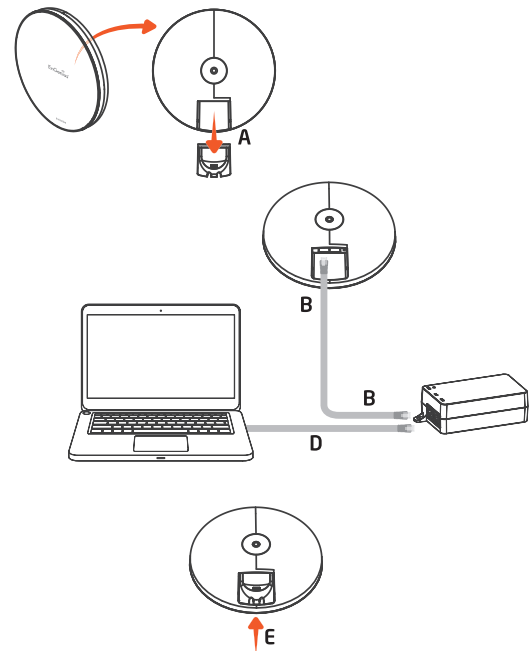(Example: 192.168.1.10 and the Subnet Mask address as 255.255.255.0.)

---

3 Device Setup

A) In the address bar of web browser, enter **192.168.1.1** and hit enter. To configure the device , open a web browser.

192.168.1.1

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

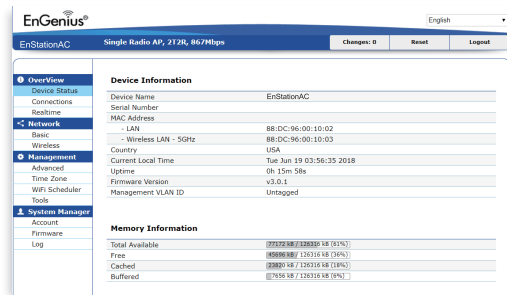**Note:** The model name on login screen depends on the product you are using.

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.
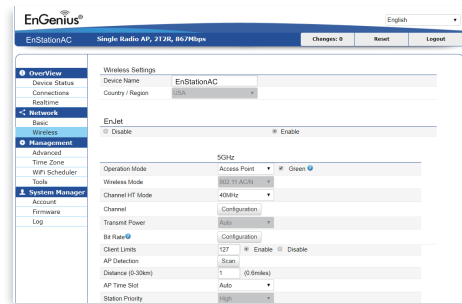
E EnWiFi

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.

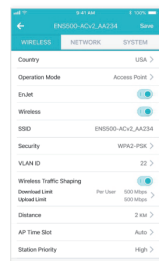**Note:** The model name on login screen depends on the product you are using.

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

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

Configure on EnWiFi App

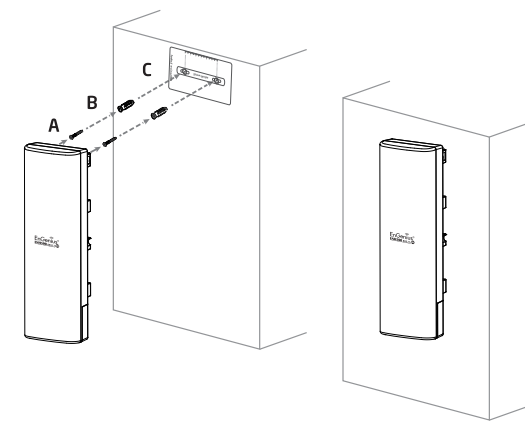**C)** Use EnWiFi App, open configure → Wireless to setup the Operation Mode.
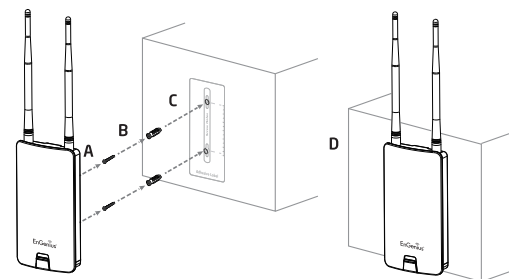

---

5 Mounting the Device

Wall Mounting   ENS500-AC / ENS500EXT-AC / ENH500

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.
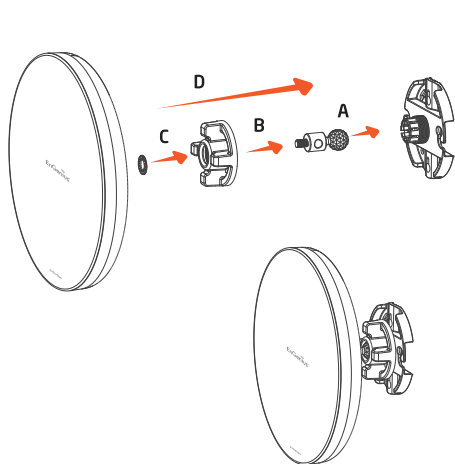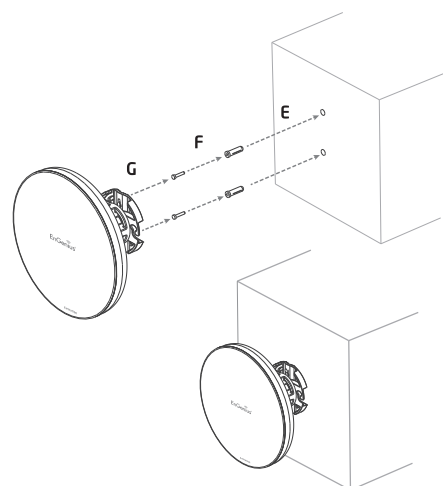
ENS500-AC / ENS500EXT-AC

ENH500

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.

E) 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.

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.
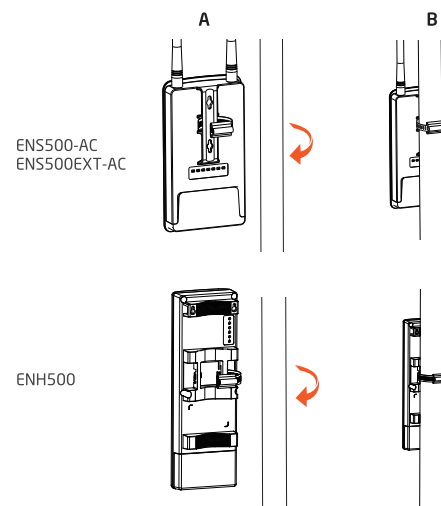
G) Screw and secure the bracket in place.

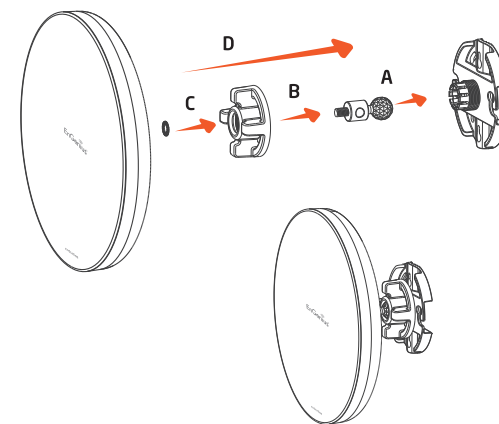
Pole Mounting   ENS500-AC / ENS500EXT-AC / ENH500
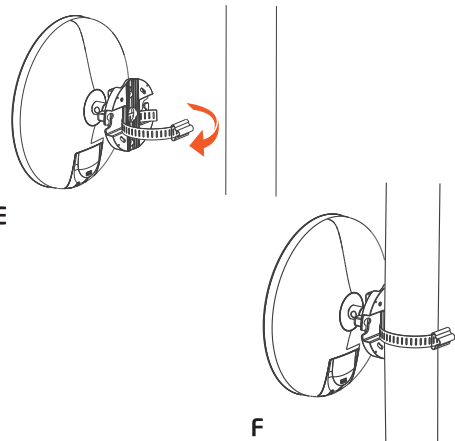
A) Thread the open end of the Pole Strap through the two tabs on the Pole Mount Bracket.

B) Lock and tighten Pole Strap to secure Pole Mount Bracket to the pole.

ENS500-AC
ENS500EXT-AC

ENH500

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.

Technical Support

Notes