BEC AC867 SE
BEC AC867 EX
QUICK INSTALL GUIDE

RidgeWave® 5GHz Subscriber Unit

Package Contents

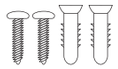
AP/Bridge

Power Cord

PoE Adapter

Pole Mounting Strap

Quick Install Guide



Wall Mount Screw Set

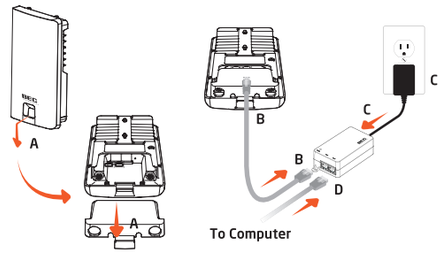
Detachable Antennas
BEC AC867EX: **2x** 5GHz Antennas

Minimum Requirements

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

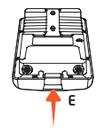
1 Connecting the AP/ Bridge

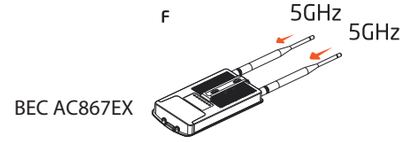
A) Remove the rear bottom panel.
B) Connect one end of the Ethernet cable into the LAN(PoE) port of the AP/Bridge and the other end to the PoE Port on the PoE Adapter.
C) Connect the Power cord with the PoE Adapter and plug the other end into an electrical outlet.
D) Connect the second Ethernet cable 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.



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

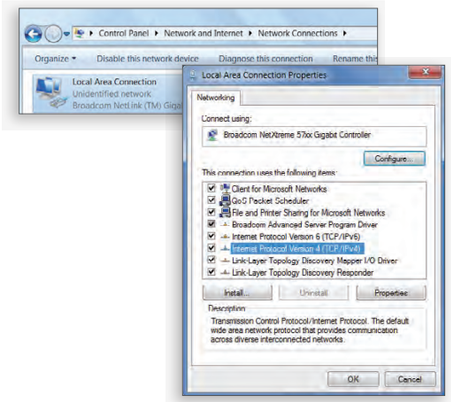
Note: The AP/Bridge should ONLY be powered via Ethernet cable connected to the included PoE Adapter.



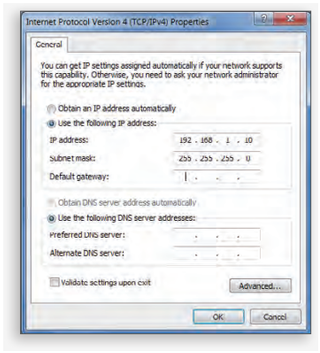


2 IP Address Configuration

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)**.

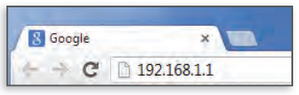


B) If your computer is already on a network, ensure that you have set it to a Static IP Address on the interface.
(Example: 192.168.1.10 and the Subnet Mask address as 255.255.255.0.)



3 AP/Bridge Setup

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

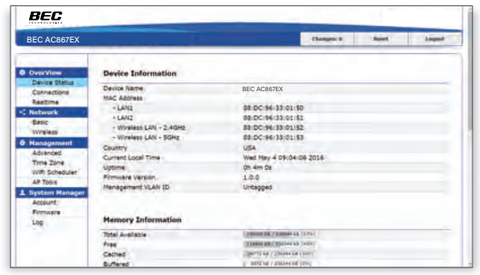


B) A login screen will appear. By default, the user-name of the AP/Bridge is **admin** and the password is **admin**. Enter the current username and password of the AP/Bridge and then click **Login**.

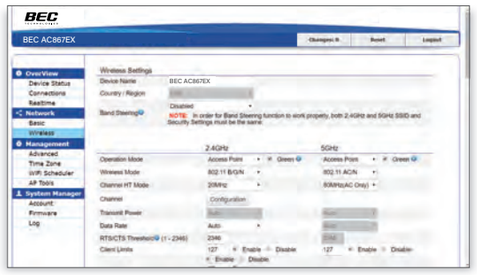
Note: The model name on login screen depends on the product you're using.

4 Switching Modes

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



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

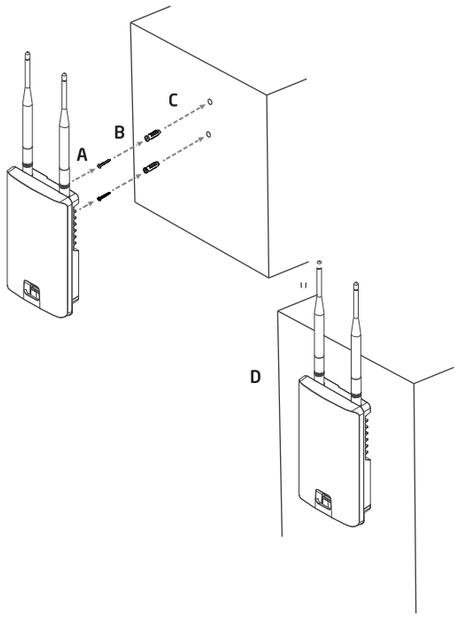


* It may take up to 90 seconds for device to initially power up.

5 Mounting AP/Bridge

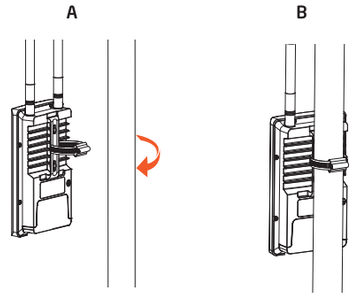
Wall Mounting the Access Point

A) Determine 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 8.1mm diagram and 26mm depth holes in the markings and hammer the bolts into the openings.
B) Screw the anchors unto the holes until they are flush with the wall.
C) Screw the included screws into the anchors.
D) Place the Access Point against wall with the mounting screw heads.



Pole Mounting the Access Point

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.



CONTACT US

For 24/7 BEC Support Portal: **https://bectechnologies.net/support/**
For Other Inquiries : **sales@bectechnologies.net**

BEC Technologies. Inc. | 3301 Matrix Drive Ste 200. Richardson, TX 75082 USA
TEL : +1-972-422-0877 | FAX : +1-972-422-0886

FCC STATEMENT

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.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 25cm between the radiator & your body.

PROFESSIONAL INSTALLATION INSTRUCTION

1. Installation personal
This product is designed for specific application and needs to be installed by a qualified personal who has RF and related rule knowledge. The general user shall not attempt to install or change the setting.

2. Installation location
The product shall be installed at a location where the radiating antenna can be kept 25cm from nearby person in normal operation condition to meet regulatory RF exposure requirement.

3. External antenna
Use only the antennas which have been approved by the applicant. The non-approved antenna(s) may produce unwanted spurious or excessive RF transmitting power which may lead to the violation of FCC limit and is prohibited.

4. Installation procedure
Please refer to user's manual for the detail.

5. Warning
Please carefully select the installation position and make sure that the final output power does not exceed the limit set force in relevant rules. The violation of the rule could lead to serious federal penalty.

Maximum data rates are based on IEEE802.11 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 are subject to change without notice.

v1.0