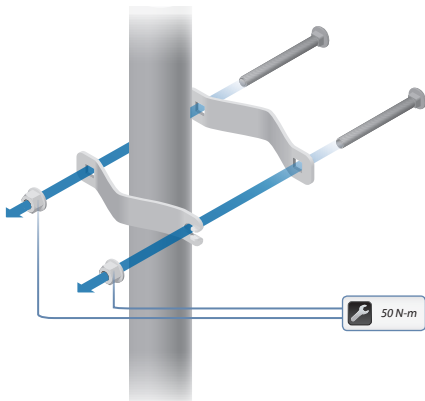


10. Attach the *Stabilizer Brackets* to the pole just beneath the area where the *PowerBeam* will be attached.



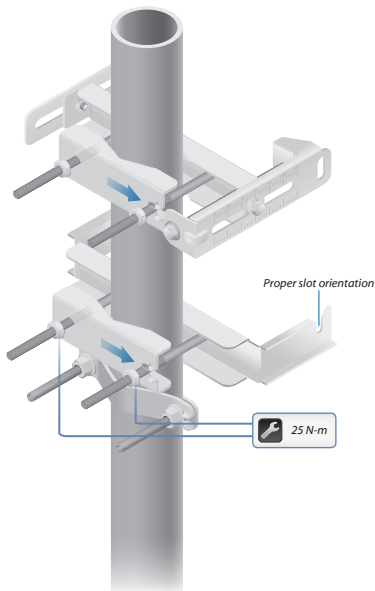
**Note:** The pole-bracket assembly can accommodate a  $\varnothing$  38 - 101 mm pole.

- Place one *Stabilizer Bracket* on each side of the pole.
- Insert the two *M10x100 Bolts* into the *Stabilizer Brackets*.
- Secure each bolt with one *Serrated Flange Nut*.

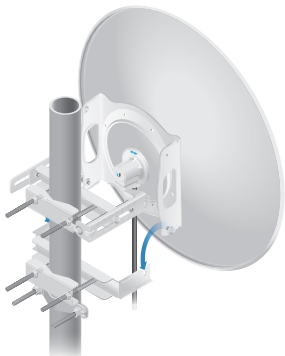


11. Attach the pole-bracket assembly to the pole:

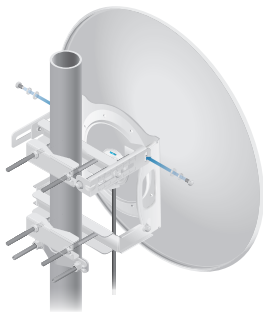
- a. Slide the slot of each *Pole Clamp* over the corresponding *M8x150 Carriage Bolt*.
- b. Tighten the serrated flange nuts of the bolts to secure the pole-bracket assembly to the pole.



12. Lift the *Dish Reflector* and align the two lower *Hex Head Bolts* with the slots on the *Lower Pole Bracket*. Seat the bolts in the slots.

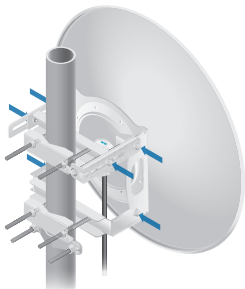


13. Attach each arm of the *Upper Pole Bracket* to the *Mounting Bracket* using a *Hex Head Bolt*, *Lock Washer*, and *Flat Washer*.

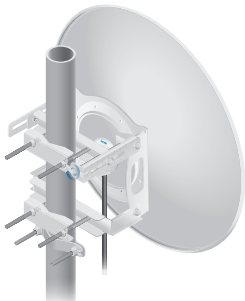


14. Before adjusting the tilt angle, ensure that the six *Hex Head Bolts* are loose enough to allow movement.

**!** **IMPORTANT:** If you cannot spin the washers freely by hand, then loosen the *Hex Head Bolts* until you can.



15. To adjust the tilt angle, turn the screw head of the elevation rod until the desired tilt is reached.



16. Lock the alignment by tightening all six *Flange Bolts* to 25 N-m.



**Note:** Steps 17-20 are optional instructions for mounting the *Gigabit PoE Adapter* on a wall.

17. Remove the wall-mount bracket from the *Gigabit PoE Adapter* and position it at the desired location on the wall with the arrow pointing up.

18. Use a pencil to mark the two holes on the wall.



19. Attach the wall-mount bracket to the wall using the appropriate fasteners (not included).



20. Align the tabs of the *Gigabit PoE Adapter* with the slots of the wall-mount bracket and slide the *Gigabit PoE Adapter* down.

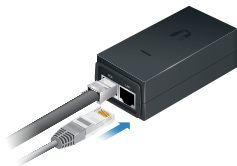


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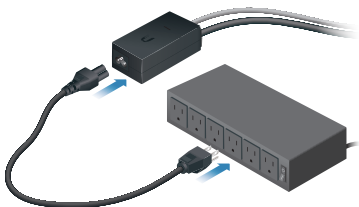
21. Connect the other end of the Ethernet cable from the PowerBeam to the Ethernet port labeled **POE** on the *Gigabit PoE Adapter*.



22. Connect an Ethernet cable from your LAN or computer to the Ethernet port labeled **LAN** on the *Gigabit PoE Adapter*.



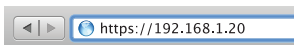
23. Connect the *Power Cord* to the power port on the *Gigabit PoE Adapter*. Connect the other end of the *Power Cord* to a power outlet.



## Accessing airOS

Verify connectivity in the airOS Configuration Interface.

1. Make sure that your host system is connected via Ethernet to the PowerBeam.
2. Configure the Ethernet adapter on your host system with a static IP address on the 192.168.1.x subnet.
3. Launch your web browser and type **https://192.168.1.20** in the address field. Press **enter** (PC) or **return** (Mac).



4. The login screen will appear. Enter **ubnt** in the *Username* and *Password* fields. Select your *Country* and *Language*. You must agree to the *Terms of Use* to use the product. Click **Login**.

A screenshot of the Ubiquiti airOS login interface. The title is "Log in". Below it is the instruction "Please log in to manage your wireless device." The form has four fields: "Username" with the value "admin", "Password" with the value "ubnt", "Country" with a dropdown menu showing "Select Your Country", and "Language" with a dropdown menu showing "English". To the right of the form is a "TERMS OF USE" section with a warning about professional installation and FCC/IC regulations. At the bottom, there is a checkbox labeled "I agree to these TERMS OF USE and the Ubiquiti Network LICENSE AGREEMENT" and a green "Login" button.

**Note:** For the *Country* setting, U.S. product versions are restricted to a choice of Canada, Puerto Rico, or the U.S. to ensure compliance with FCC/IC regulations.

The airOS Configuration Interface will appear, allowing you to customize your settings as needed. For details, refer to the User Guide available at **[documentation.ubnt.com/airmax](https://documentation.ubnt.com/airmax)**

## Installer Compliance Responsibility

Devices must be professionally installed and it is the professional installer's responsibility to make sure the device is operated within local country regulatory requirements.



Since Ubiquiti Networks equipment can be paired with a variety of antennas and cables, the *Antenna* and *Output Power* fields are provided to the professional installer to assist in meeting regulatory requirements.



## Specifications

PowerBeam ac PBE-5AC-620	
Dimensions	650 x 650 x 386 mm (25.6 x 25.6 x 15.2")
Weight	6.4 kg (14.11 lb)
Operating Frequency	Worldwide: 5150 - 5875 MHz USA: 5150 - 5350, 5470 - 5850 MHz
Gain	29 dBi
Networking Interface	(1) 10/100/1000 Ethernet Port
Enclosure	Outdoor UV Stabilized Plastic
Max. Power Consumption	8.5W
Power Supply	24V, 0.5A Gigabit PoE Supply (Included)
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)
Wind Survivability	200 km/h (125 mph)
Wind Loading	872 N @200 km/h (196 lbf @125 mph)
Certifications	CE, FCC, IC
Mounting	Pole Mounting Kit Included
Operating Temperature	-40 to 70° C (-40 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Shock and Vibrations	ETSI300-019-1.4