



PPISM Station™ AC

Shielded airMAX® ac Radio with
Isolation Antenna
and airPrism® Technology

Model: PS-5AC

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks® PrismStation™ AC. This Quick Start Guide is designed to guide you through installation and also includes warranty terms.

Package Contents



PrismStation AC



GPS Antenna



Metal Strap



Mounting Bracket



Pole Clamp



Carriage Bolts
(Qty. 2)



Flange Nuts
(Qty. 2)



Allen Wrench



Gigabit PoE (24V, 1A)
with Mounting Bracket



Power Cord



Quick Start Guide

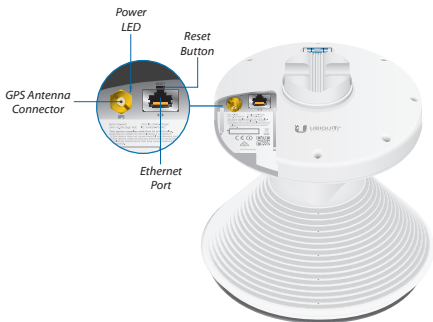
Installation Requirements

- The *GPS Antenna* needs to have clear line of sight to the sky for proper GPS operation.
- 7 mm socket wrench or screwdriver (for the *Metal Strap*)
- 13 mm wrench (for the *Mounting Bracket*)
- 5 mm hex socket (recommended for the *Mounting Bracket*)
- Shielded Category 5 (or above) cabling should be used for all wired Ethernet connections and should be grounded through the AC ground of the PoE.

We recommend that you protect your networks from harmful outdoor environments and destructive ESD events with industrial-grade, shielded Ethernet cable from Ubiquiti Networks. For more details, visit www.ubnt.com/toughcable

TERMS OF USE: Ubiquiti radio devices must be professionally installed. Shielded Ethernet cable and earth grounding must be used as conditions of product warranty. TOUGHcable™ is designed for outdoor installations. It is the customer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, and Dynamic Frequency Selection (DFS) requirements.

Hardware Overview



GPS Antenna Connector This is used to connect the included *GPS Antenna*.

Power LED The LED will light blue when the device is connected to a power source.

Ethernet Port This Gigabit Ethernet port is used to connect the power and should be connected to the LAN and DHCP server.

Reset Button To reset to factory defaults, press and hold the *Reset* button for more than 10 seconds while the PrismStation is powered on. Alternatively, the PrismStation may be reset remotely via a *Reset* button located on the bottom of the *Gigabit PoE Adapter*.

Release Button



Release Button The default horn (beamwidth: 45°) can be swapped out for an optional horn with a different beamwidth. To remove the attached horn, rotate the horn counterclockwise while depressing the *Release Button*.



To reinstall the horn, align the arrow on the horn with the *Release Button*. Then press down on the horn and rotate it clockwise until you hear a click.



Hardware Installation

There are two pole-mounting methods; follow the appropriate instructions for your selection.

Metal Strap Use this option for quick mounting on a pole.

Mounting Bracket Use this option for elevation adjustments.

Metal Strap

1. Open the *Metal Strap* and feed it through the base of the PrismStation.



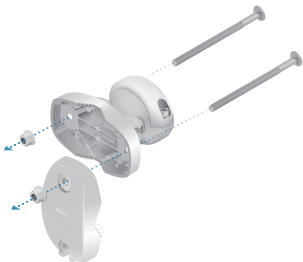
2. Wrap the *Metal Strap* around the pole. Use a 7 mm socket wrench to turn the screw clockwise and securely fasten the clamp to the pole.



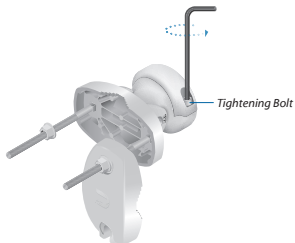
3. Proceed to the *Connecting to Power and GPS* section.

Mounting Bracket

1. Attach the *Pole Clamp* to the *Mounting Bracket*.
 - a. Hold the *Mounting Bracket* with its clamps facing you and the head of the *Tightening Bolt* facing upward.
 - b. Insert the two *Carriage Bolts* through the holes of the *Mounting Bracket*.
 - c. Slide the hole of the *Pole Clamp* over one bolt of the *Mounting Bracket*.
 - d. Place one *Flange Nut* on each bolt.



2. Loosen the *Tightening Bolt* of the *Mounting Bracket* and open the bracket 90°.




3. Insert the PrismStation into the *Mounting Bracket*, and then tighten the bolt to lock the PrismStation in place.



4. Mount the PrismStation on the pole and secure it.
- Place the *Mounting Bracket* against the pole.
 - Slide the slot of the *Pole Clamp* over the adjacent *Carriage Bolt*.
 - Tighten the *Flange Nuts* of the bolts to 25 N·m to secure the *Mounting Bracket* to the pole.



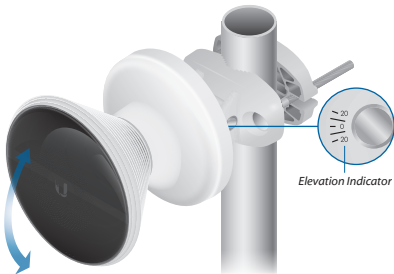
 **Note:** The mounting assembly can accommodate a \varnothing 25 - 75 mm pole.

5. Adjust the elevation angle.

- a. Loosen the *Elevation Screw* on the bottom of the bracket.



- b. Pivot the PrismStation until the *Elevation Indicator* shows the desired elevation angle.



- c. Tighten the *Elevation Screw* to 15 N·m.

6. Proceed to the *Connecting to Power and GPS* section.

Connecting to Power and GPS

1. Remove the port cover by pressing up the latch of the cover and sliding the cover out.



2. Remove the rubber gasket from the port cover.



3. Connect an Ethernet cable to the *Ethernet* port.



4. Connect the *GPS Antenna Connector* to the *GPS Antenna Connector*.



5. Punch out the cutout for the GPS cable.



6. Replace the port cover.

