



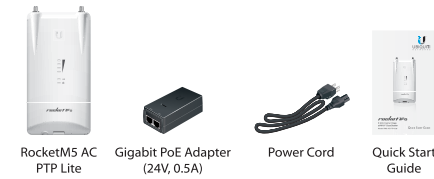
rocketM5 ac
5 GHz Carrier Class
airMAX® BaseStation
Model: RM5-AC-PTP
RSAC-PTMP; RMS-AC-PTMP

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks™ Rocket™ M5 AC PTP Lite. This Quick Start Guide is designed to guide you through installation and show how to access the airOS® Configuration Interface. This guide also includes the warranty terms and is for use with the RocketM5 AC PTP Lite in Point-to-Point links.

Package Contents



Installation Requirements

- 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 the most brutal environments and devastating ESD attacks 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.

*** This is a specific product that requires professional installation and configuration, must be performed by trained technical engineers to install the antenna, the Ubiquiti Networks, Inc agents contact information as follows:
Ubiquiti Networks, Inc
12F, No. 105, Song Ren Rd., Sin Yi District, Taipei 110, Taiwan
Tel: +886 2 17581637
Fax: +886 2 27581637
Email: info@ubnt.com

Hardware Overview



LED Panel

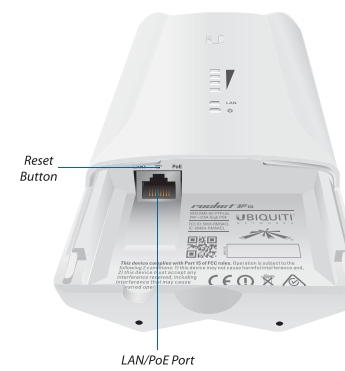
Signal The default wireless signal strength values are shown below:

- LED will light blue when the wireless signal strength is equal to or above -65 dBm.
- LED will light blue when the wireless signal strength is equal to or above -73 dBm.
- LED will light blue when the wireless signal strength is equal to or above -80 dBm.
- LED will light blue when the wireless signal strength is equal to or above -94 dBm.

LAN The main Ethernet LED will light steady blue when an active Ethernet connection is made to the LAN port and flash when there is activity.

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

Ports



LAN/PoE This Gigabit Ethernet port is used to connect the power and should be connected to the LAN.

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



Hardware Installation

The RocketM5 AC PTP Lite is designed to mount directly onto a Ubiquiti airMAX RocketDish™ antenna.

- Lift the release latch on the bottom of the Rocket and slide the Port Cover off.



- Connect an Ethernet cable to the LAN port.



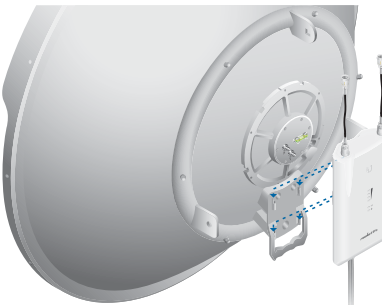
- Replace the Port Cover.



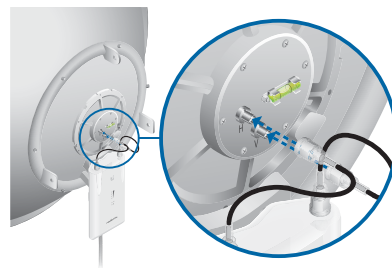
- Connect the RF cables (included with the RocketDish) to the RP-SMA Connectors located on top of the Rocket.



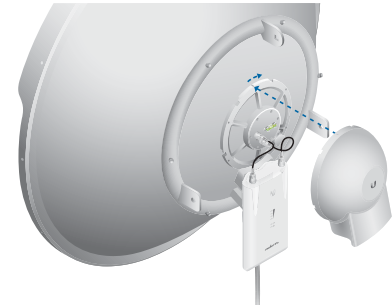
- Attach the Rocket to the RocketDish.
 - Align the mounting tabs on the back of the Rocket with the four mounting slots on the RocketDish.
 - Slide the Rocket down until it locks into place.



- Attach the other end of the RF Cables to the RF connectors in this combination: Chain 1 to H and Chain 0 to V.



- Attach the Protective Shroud.
 - Align the hash mark on the top of the shroud with the notch on the RocketDish.
 - Rotate the shroud clockwise until it locks into place.



Connecting Power over Ethernet

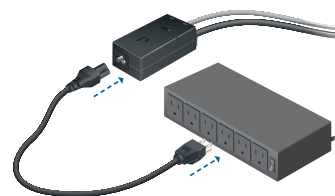
- Connect the other end of the Ethernet cable from the Rocket to the Ethernet port labeled POE on the Gigabit PoE Adapter.



- Connect an Ethernet cable from your LAN to the Ethernet port labeled LAN on the Gigabit PoE Adapter.



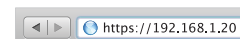
- Connect the Power Cord to the power port on the Gigabit PoE Adapter. Connect the other end of the Power Cord to a power outlet.



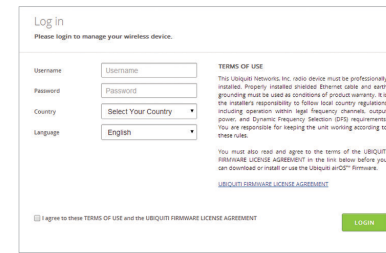
Accessing airOS

Connect to the airOS Configuration Interface.

- Make sure that your host machine is connected via Ethernet to the Rocket.
- Configure the Ethernet adapter on your host system with a static IP address on the 192.168.1.x subnet.
- Launch your web browser. Type <https://192.168.1.20> in the address field. Press **enter** (PC) or **return** (Mac).



- 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**.

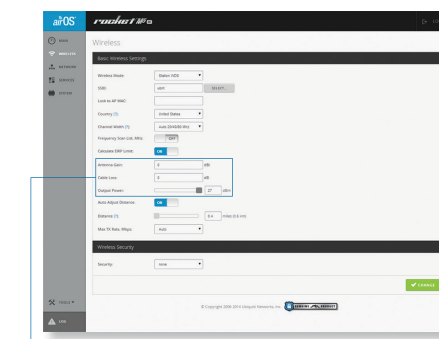


Note: For the Country setting, U.S. product versions are restricted to a choice of Canada, Puerto Rico, or the U.S. to ensure compliance with FCC/IC regulations.

The airOS Configuration Interface will appear, allowing you to customize your settings as needed. For additional details on the airOS Configuration Interface, refer to the User Guide available at 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 Gain, Cable Loss, and Output Power fields are provided to the professional installer to assist in meeting regulatory requirements.

Specifications

RocketM5 AC PTP Lite	
Dimensions	162 x 84 x 37 mm (6.4 x 3.3 x 1.5 in)
Weight	250 g (8.82 oz)
Operating Frequency	Worldwide: 5170 - 5875 MHz USA: 5725 - 5850 MHz
Networking Interface	(1) 10/100/1000 Ethernet Port
RF Connectors	(2) RP-SMA (Waterproof)
Enclosure	Outdoor UV Stabilized Plastic
Max. Power Consumption	8.5 W
Power Supply	24V, 0.5A Gigabit PoE Adapter (Included)
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)
Operating Temperature	-40 to 80° C (-40 to 176° F)
Operating Humidity	5 to 95% Non-Condensing
ESD/EMP Protection	24KV Contact / Air for Ethernet
Shock and Vibrations	ETS300-019-1.4
Certifications	CE, FCC, IC