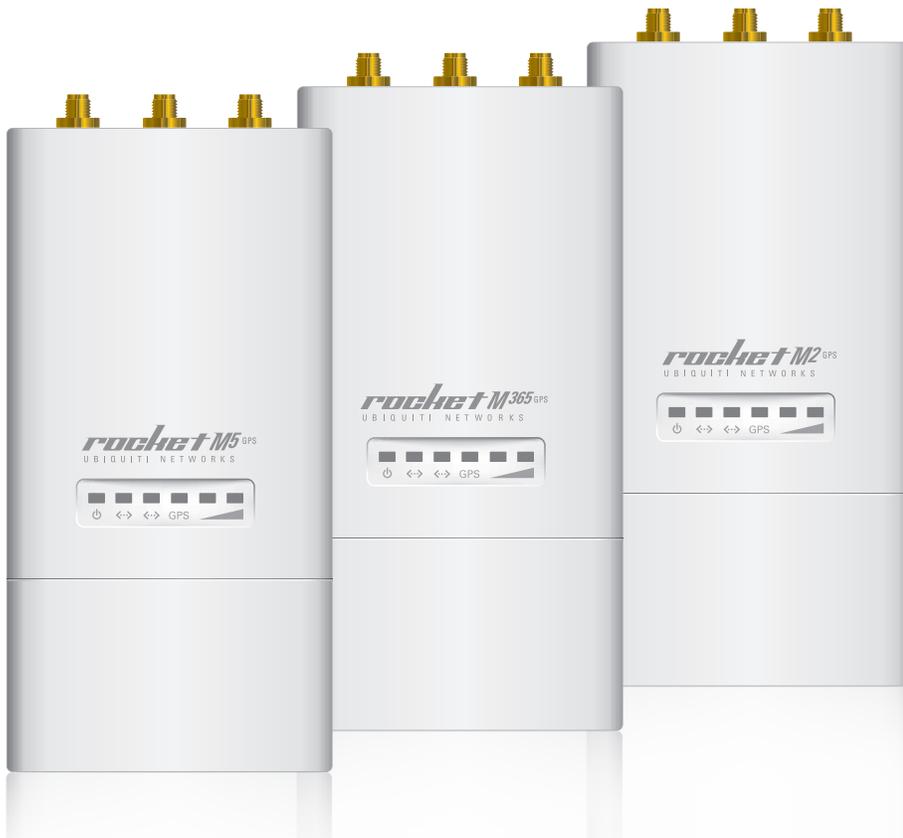


New Rocket M series featuring GPS

Many situations require the use of multiple AirMax M series devices on the same tower. The new Rocket M GPS products are designed to eliminate co-location interference by using synchronized transmission times. With AirSync, the basestations make use of a common clock source using the built-in GPS receiver. One device is configured as the synchronization master and the others are configured in Slave Mode. Once this is done, the Master and Slave devices synchronize their transmit and receive cycles so that they transmit at the same time and receive at the same time.

The Rocket M GPS products are rugged, hi-power, linear 2x2 MIMO radios with enhanced receiver performance. They feature incredible range performance (50+km) and breakthrough speed (150+Mbps real TCPI/IP). They are specifically designed for outdoor PtP bridging and PTMP AirMax basestation applications.



Features

- Synchronized transmission to eliminate co-location interference
- Uses GPS signal for precision timing
- GPS Signal Reporting
- Second Ethernet port capable of providing power to secondary device using PoE
- Seamlessly integrates with AirMax BaseStation and Rocket Antennas

rocket M^{GPS}

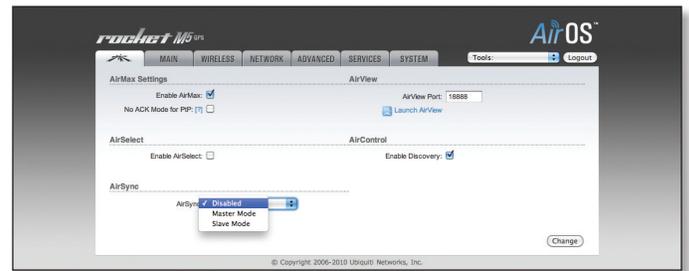
**Carrier Class
AirMax BaseStation**

Models: M2/M365/M5 GPS

Specifications

Dimensions	16 x 8 x 3 cm (L x W x H)
Weight	0.5 kg
Ports	2 10/100 Ethernet
RF Connectors	3 RPSMA (Waterproof)
Enclosure	Outdoor UV Stabilized Plastic
Max. Power Consumption	
M2, M365	6.5 Watts
M5	8 Watts
Operating Frequency	
M2	2412 - 2462 MHz
M365	3650 - 3675 MHz
M5	5470 - 5825 MHz*
Power Supply	24V, 1A PoE Supply (included)
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 return)
Operating Temperature	-30 to 75° C
Operating Humidity	5 to 95% Condensing
Shock and Vibration	ETSI300-019-1.4

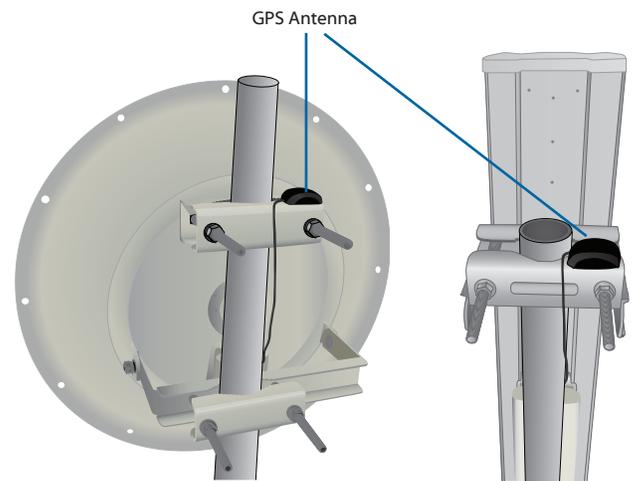
* Only 5745 - 5825 MHz is supported in the USA



AirOS Management Interface offers configuration and management options from the convenience of a web browser



GPS Signal Details



Magnetic GPS Antenna to easily mount on Dish or Sector antenna

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