DATA SHEET

Code: ROCKET-M2

BASE STATION **ROCKET-M2** UBIQUITI

The ROCKET-M2 is characterized by very high efficiency combined with high output power and increased sensitivity of the receive path. The result is very long radio transmission range (even above 50 km) together with huge transmission rate of the 802.11n standard (it is 150+ Mbps real TCPI/IP). The device is designed to implement high-performance P2P radio bridges especially needed in systems using the AirMax base stations.

The AirMax system devices: bridges, base stations and antennas are designed specifically to work together.

Frequency range:	2402 MHz ... 2462 MHz
Standards:	• IEEE 802.11b, • IEEE 802.11g
LAN ports:	1 x 10/100 Mbps
Antenna connector:	2 x RP-SMA
Receiver sensitivity:	• -97 dBm @ 1 ... 24 Mbps • -80 dBm @ 36 Mbps • -77 dBm @ 48 Mbps • -75 dBm @ 54 Mbps
Operating system:	AirOS, AirMAX
Operation modes:	Station, Access Point
Transmitter power:	• 28 dBm @ 1 ... 24 Mbps • 26 dBm @ 36 Mbps • 25 dBm @ 48 Mbps • 24 dBm @ 54 Mbps
Memory:	128 MB SDRAM, 8 MB FLASH
Processor:	MIPS 74Kc
Power supply PoE:	✓

Power supply:	24 V / 1 A (power adapter included)
Power consumption:	max. 8 W
Operation temp:	-30 °C ... 75 °C
Permissible relative humidity:	5 % ... 95 %
Main features:	• Available services: Web Server, SNMP, SSH Server, Telnet, Ping, Watchdog, DHCP, NAT, Bridging, Routing • Antenna Alignment Tool • Distance Adjustment • Gain adjustment • WPA2 AES • Statistical Reporting • Traffic Shaping • WMM support (QoS mechanism of the 802.11e standard)
Support:	with antenna : • Rocket Dish 2G24 • AirMax Sector AM-V2G-Ti • AirMax Sector AM-2G15-120 • AirMax Sector AM-2G16-90 • AirMax Omni AMO-2G10 • AirMax Omni AMO-2G13
Weight:	0.240 kg
Dimensions:	172 x 84 x 36 mm
Manufacturer / Brand:	UBIQUITI
Guarantee:	2 years