

LTS UBNT-NSM5 5GHz Nanostaion M5

Processor	Atheros AR2313 SOC, MIPS 4KC, 180 MHz
Memory	16 MB SDRAM, 4 MB flash
Networking Interface	10/100 BASE-TX (Cat5, RJ-45) Ethernet interface
Range	Outdoor (BaseStation Antenna Dependent): Over 32,808' (10,000 m) Using External Antenna (Optional): 32,8083' (10,0000 m)
Throughput	25 Mb/s+ TCP/IP
Radio Operating Frequency	
TX Specification	Radio Operating Frequency: 5.475 to 5.825 GHz 802.11a OFDM Data Rate: Average Power: Tolerance 6 Mb/s: 24 dBm: +/-1.5 dB 9 Mb/s: 24 dBm: +/-1.5 dB 12 Mb/s: 24 dBm: +/-1.5 dB 18 Mb/s: 24 dBm: +/-1.5 dB 24 Mb/s: 24 dBm: +/-1.5 dB 36 Mb/s: 22 dBm: +/-1.5 dB 48 Mb/s: 21 dBm: +/-1.5 dB 54 Mb/s: 19 dBm: +/-1.5 dB
RX Specification	Radio Operating Frequency: 5.475 to 5.825 GHz 802.11a OFDM Data Rate: Sensitivity: Tolerance 6 Mb/s: -94 dBm: +/-1.5 dB 9 Mb/s: -93 dBm: +/-1.5 dB 12 Mb/s: -91 dBm: +/-1.5 dB 18 Mb/s: -90 dBm: +/-1.5 dB 24 Mb/s: -86 dBm: +/-1.5 dB 36 Mb/s: -83 dBm: +/-1.5 dB 48 Mb/s: -77 dBm: +/-1.5 dB 54 Mb/s: -74 dBm: +/-1.5 dB
Channel Size Support	
Channel Width	5/10/20/40 MHz
Antenna	
Gain	Integrated 2 x 14 dBi dual polarity antennas
Polarization	Multi-polarized
Polarity	Adaptive vertical/horizontal
Polarization Selection	Software controlled
3 dB Beamwidth Azimuth	55°
External Antennas	RP-SMA connector (optional)
VSWR	1.4:1.0
Front to Back Ratio	30 dB+
3 dB Beamwidth Elevation	18°
Power	
Power Supply	12 V, 1 A (12 W)
Power Method	Passive Power over Ethernet (pairs 4, 5+, 7, 8 return)
Environmental	
Operating Temperature	-4 to +158°F (-20 to +70°C)
Operating Humidity	5 to 95% (condensing)
Software Specification	
Software	AirOS
Compliance and Approvals	
Compliance	RoHS
Approvals	FCC Part 15.247, IC RS210, CE

Other	
Shock and Vibration	ETSI300-019-1.4
Mounting	Pole mounting kit (included)
LEDs	External status LEDs
Physical Characteristics	
Enclosure Material	Outdoor UV stabilized plastic
Dimensions (L x W x H)	10.3 x 3.1 x 1.1" (26.4 x 8.0 x 3.0 cm)
Weight	14.1 oz (400.0 g)
Packaging Info	
Package Weight	1.45 lb
Box Dimensions (LxWxH)	12.992 x 4.961 x 3.386"