

Specifications

System Information	
Processor Specs	Atheros MIPS 24KC, 400MHz
Memory Information	32MB SDRAM, 8MB Flash
Networking Interface	1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet

Regulatory / Compliance Information	
Wireless Approvals	FCC Part 15.247, IC RS210, CE
RoHS Compliance	YES

Physical / Electrical / Environmental		
RF Connector	Integrated N-type Male Jack (connects directly to antenna)	
Enclosure Size	15.2 x 3.7 x 3.1 cm (length, width, height)	
Weight	0.18kg	
Enclosure Characteristics	Outdoor UV Stabilized Plastic	
Power Rating	Up to 24V	
Power Method	Passive Power over Ethernet (pairs 4, 5+; 7, 8 return)*	
Operating Temperature	-40C to 80C	
Operating Humidity	5 to 95% Condensing	
Shock and Vibration	ETSI300-019-1.4	
	M2	M5
Max Power Consumption	7 Watts	6 Watts

Range Performance	
Outdoor (Antenna Dependent)	Over 50km

* POE Adapter is sold separately

Specifications (cont.)

Bullet M2 HP - Operating Frequency 2412-2462 MHz							
OUTPUT POWER: 28 dBm							
2.4 GHz TX POWER SPECIFICATIONS				2.4 GHz RX POWER SPECIFICATIONS			
	DataRate	Avg. TX	Tolerance		DataRate	Sensitivity	Tolerance
11b/g	6-24 Mbps	28 dBm	+/- 2 dB	11b/g	24 Mbps	-83 dBm	+/- 2 dB
	36 Mbps	25 dBm	+/- 2 dB		36 Mbps	-80 dBm	+/- 2 dB
	48 Mbps	24 dBm	+/- 2 dB		48 Mbps	-77 dBm	+/- 2 dB
	54 Mbps	23 dBm	+/- 2 dB		54 Mbps	-75 dBm	+/- 2 dB
11n	MCS0	28 dBm	+/- 2 dB	11n	MCS0	-96 dBm	+/- 2 dB
	MCS1	28 dBm	+/- 2 dB		MCS1	-95 dBm	+/- 2 dB
	MCS2	28 dBm	+/- 2 dB		MCS2	-92 dBm	+/- 2 dB
	MCS3	28 dBm	+/- 2 dB		MCS3	-90 dBm	+/- 2 dB
	MCS4	27 dBm	+/- 2 dB		MCS4	-86 dBm	+/- 2 dB
	MCS5	25 dBm	+/- 2 dB		MCS5	-83 dBm	+/- 2 dB
	MCS6	23 dBm	+/- 2 dB		MCS6	-77 dBm	+/- 2 dB
MCS7	22 dBm	+/- 2 dB	MCS7	-74 dBm	+/- 2 dB		

Bullet M5 HP - Operating Frequency 5170-5825 MHz*							
OUTPUT POWER: 25 dBm							
5 GHz TX POWER SPECIFICATIONS				5 GHz RX POWER SPECIFICATIONS			
	DataRate	Avg. TX	Tolerance		DataRate	Sensitivity	Tolerance
11a	1-24 Mbps	25 dBm	+/- 2 dB	11a	24 Mbps	-83 dBm	+/- 2 dB
	36 Mbps	23 dBm	+/- 2 dB		36 Mbps	-80 dBm	+/- 2 dB
	48 Mbps	21 dBm	+/- 2 dB		48 Mbps	-77 dBm	+/- 2 dB
	54 Mbps	20 dBm	+/- 2 dB		54 Mbps	-75 dBm	+/- 2 dB
11n / AirMax	MCS0	25 dBm	+/- 2 dB	11n / AirMax	MCS0	-96 dBm	+/- 2 dB
	MCS1	25 dBm	+/- 2 dB		MCS1	-95 dBm	+/- 2 dB
	MCS2	25 dBm	+/- 2 dB		MCS2	-92 dBm	+/- 2 dB
	MCS3	25 dBm	+/- 2 dB		MCS3	-90 dBm	+/- 2 dB
	MCS4	24 dBm	+/- 2 dB		MCS4	-86 dBm	+/- 2 dB
	MCS5	22 dBm	+/- 2 dB		MCS5	-83 dBm	+/- 2 dB
	MCS6	20 dBm	+/- 2 dB		MCS6	-77 dBm	+/- 2 dB
MCS7	19 dBm	+/- 2 dB	MCS7	-74 dBm	+/- 2 dB		

* Only 5725 - 5850 MHz is supported in the USA