


# BULLET<sup>2HP</sup>

UBIQUITI NETWORKS

Zero Variable Outdoor Wireless Deployment



SYSTEM INFORMATION							
Processor Specs		Atheros MIPS 4KC, 180MHz					
Memory Information		16MB SDRAM, 4MB Flash					
Networking Interface		1 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface					
REGULATORY / COMPLIANCE INFORMATION							
Wireless Approvals		FCC Part 15.247, IC RS210					
RoHS Compliance		YES					
RADIO OPERATING FREQUENCY 2412-2462 MHz							
TX SPECIFICATIONS				RX SPECIFICATIONS			
802.11b	DataRate	TX Power	Tolerance	802.11b	DataRate	Sensitivity	Tolerance
	1Mbps	29 dBm	+/-1dB		1Mbps	-97 dBm	+/-1dB
	2Mbps	29 dBm	+/-1dB		2Mbps	-96 dBm	+/-1dB
	5.5Mbps	29 dBm	+/-1dB		5.5Mbps	-95 dBm	+/-1dB
	11Mbps	29 dBm	+/-1dB		11Mbps	-92 dBm	+/-1dB
802.11g OFDM	6Mbps	28 dBm	+/-1dB	802.11g OFDM	6Mbps	-94 dBm	+/-1dB
	9Mbps	28 dBm	+/-1dB		9Mbps	-93 dBm	+/-1dB
	12Mbps	28 dBm	+/-1dB		12Mbps	-91 dBm	+/-1dB
	18Mbps	28 dBm	+/-1dB		18Mbps	-90 dBm	+/-1dB
	24Mbps	28 dBm	+/-1dB		24Mbps	-86 dBm	+/-1dB
	36Mbps	26 dBm	+/-1dB		36Mbps	-83 dBm	+/-1dB
	48Mbps	24 dBm	+/-1dB		48Mbps	-77 dBm	+/-1dB
	54Mbps	23 dBm	+/-1dB		54Mbps	-74 dBm	+/-1dB
ADJUSTABLE CHANNEL SIZE SUPPORT							
5MHz		10MHz		20MHz		40MHz	
RANGE PERFORMANCE							
Outdoor (Antenna Dependent):				Over 50km			
PHYSICAL / ELECTRICAL / ENVIRONMENTAL							
RF Connector		Integrated N-type Male Jack (connects directly to antenna)					
Enclosure Size		15.2cm. length x 3.1 cm. height x 3.7cm. width					
Weight		0.18kg					
Enclosure Characteristics		Outdoor UV Stabalized Plastic					
Max Power Consumption		8 Watts					
Power Rating		Up to 24V					
Power Method		Passive Power over Ethernet (pairs 4,5+; 7,8 return)					
Operating Temperature		-20C to +70C					
Operating Humidity		5 to 95% Condensing					
Shock and Vibration		ETSI300-019-1.4					
SOFTWARE							
							
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