


# BULLET<sup>2</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, CE		
RoHS Compliance	YES		
RADIO OPERATING FREQUENCY 2412-2462 MHz			
TX SPECIFICATIONS		RX SPECIFICATIONS	
	DataRate	TX Power	Tolerance
802.11b	1Mbps	20 dBm	+/-1dB
	2Mbps	20 dBm	+/-1dB
	5.5Mbps	20 dBm	+/-1dB
	11Mbps	20 dBm	+/-1dB
802.11g OFDM	6Mbps	20 dBm	+/-1dB
	9Mbps	20 dBm	+/-1dB
	12Mbps	20 dBm	+/-1dB
	18Mbps	20 dBm	+/-1dB
	24Mbps	20 dBm	+/-1dB
	36Mbps	18 dBm	+/-1dB
	48Mbps	16 dBm	+/-1dB
54Mbps	15 dBm	+/-1dB	
802.11b	1Mbps	-95 dBm	+/-1dB
	2Mbps	-94 dBm	+/-1dB
	5.5Mbps	-93 dBm	+/-1dB
	11Mbps	-90 dBm	+/-1dB
802.11g OFDM	6Mbps	-92 dBm	+/-1dB
	9Mbps	-91 dBm	+/-1dB
	12Mbps	-89 dBm	+/-1dB
	18Mbps	-88 dBm	+/-1dB
	24Mbps	-84 dBm	+/-1dB
	36Mbps	-81 dBm	+/-1dB
	48Mbps	-75 dBm	+/-1dB
54Mbps	-72 dBm	+/-1dB	
ADJUSTABLE CHANNEL SIZE SUPPORT			
5MHz		10MHz	
		20MHz	
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 Stabilized Plastic		
Max Power Consumption	4 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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