


# BULLET<sup>5</sup>

UBIQUITI NETWORKS 

Zero Variable Wireless Deployments



SYSTEM INFORMATION							
Processor Specs		Atheros SOC, MIPS 4KC, 180MHz					
Memory Information		16MB SDRAM, 4MB Flash					
Networking Interface		10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface					
REGULATORY / COMPLIANCE INFORMATION							
Wireless Modular Approvals		FCC Part 15.247, IC RS210, CE					
RoHS Compliance		YES					
RADIO OPERATING FREQUENCY 5.475-5.825GHz							
TX SPECIFICATIONS				RX SPECIFICATIONS			
	DataRate	Avg. Power	Tolerance		DataRate	Sensitivity	Tolerance
802.11a OFDM	6Mbps	22 dBm	+/-1.5dB	802.11a OFDM	6Mbps	-94 dBm	+/-1.5dB
	9Mbps	22 dBm	+/-1.5dB		9Mbps	-93 dBm	+/-1.5dB
	12Mbps	22 dBm	+/-1.5dB		12Mbps	-91 dBm	+/-1.5dB
	18Mbps	22 dBm	+/-1.5dB		18Mbps	-90 dBm	+/-1.5dB
	24Mbps	22 dBm	+/-1.5dB		24Mbps	-86 dBm	+/-1.5dB
	36Mbps	20 dBm	+/-1.5dB		36Mbps	-83 dBm	+/-1.5dB
	48Mbps	19 dBm	+/-1.5dB		48Mbps	-77 dBm	+/-1.5dB
	54Mbps	17 dBm	+/-1.5dB		54Mbps	-74 dBm	+/-1.5dB
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 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							
				visit <a href="http://www.ubnt.com/airos">www.ubnt.com/airos</a>			