




PicoStation5

Limitless Applications at 5GHz

Pico5 DATASHEET



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
ANTENNA & RANGE PERFORMANCE							
RP-SMA Antenna Included				Outdoor Omni-directional. 7dBi			
Indoor/Outdoor Range				Over 200m / 500m			
PHYSICAL / ELECTRICAL / ENVIRONMENTAL							
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 www.ubnt.com/airos			

