




# 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									
									
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