




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	
802.11a OFDM	DataRate	Avg.Power	Tolerance
	6Mbps	22 dBm	+/-1.5dB
	9Mbps	22 dBm	+/-1.5dB
	12Mbps	22 dBm	+/-1.5dB
	18Mbps	22 dBm	+/-1.5dB
	24Mbps	22 dBm	+/-1.5dB
	36Mbps	20 dBm	+/-1.5dB
	48Mbps	19 dBm	+/-1.5dB
54Mbps	17 dBm	+/-1.5dB	
802.11a OFDM	DataRate	Sensitivity	Tolerance
	6Mbps	-94 dBm	+/-1.5dB
	9Mbps	-93 dBm	+/-1.5dB
	12Mbps	-91 dBm	+/-1.5dB
	18Mbps	-90 dBm	+/-1.5dB
	24Mbps	-86 dBm	+/-1.5dB
	36Mbps	-83 dBm	+/-1.5dB
	48Mbps	-77 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	13.0x3.1x3.7 (cm)		
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			

