

Plug and Go.

100Mbps+ of REAL TCP/IP Throughput over outdoor multi-km links



SYSTEM INFORMATION								
Processor Specs			Atheros MIPS 24KC, 400MHz					
Memory Information			32MB SDRAM, 8MB 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					
OPERATING FREQUENCY 5470MHz-5825MHz								
5GHz TX POWER SPECIFICATIONS					5GHz RX SPECIFICATIONS			
	DataRate	Avg. TX	Tolerance			DataRate	Sensitivity	Tolerance
11a	1-24Mbps	25 dBm	+/-2dB		11a	24Mbps	-83 dBm	+/-2dB
	36Mbps	23 dBm	+/-2dB			36Mbps	-80 dBm	+/-2dB
	48Mbps	21 dBm	+/-2dB			48Mbps	-77 dBm	+/-2dB
	54Mbps	20 dBm	+/-2dB			54Mbps	-75 dBm	+/-2dB
11n	MCS0	25 dBm	+/-2dB		11n	MCS0	-96 dBm	+/-2dB
	MCS1	25 dBm	+/-2dB			MCS1	-95 dBm	+/-2dB
	MCS2	25 dBm	+/-2dB			MCS2	-92 dBm	+/-2dB
	MCS3	25 dBm	+/-2dB			MCS3	-90 dBm	+/-2dB
	MCS4	24 dBm	+/-2dB			MCS4	-86 dBm	+/-2dB
	MCS5	22 dBm	+/-2dB			MCS5	-83 dBm	+/-2dB
	MCS6	20 dBm	+/-2dB			MCS6	-77 dBm	+/-2dB
	MCS7	19 dBm	+/-2dB			MCS7	-74 dBm	+/-2dB
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			6 Watts					
Power Rating			Up to 24V					
Power Method			Passive Power over Ethernet (pairs 4,5+ ; 7,8 return)					
Operating Temperature			-40C to +80C					
Operating Humidity			5 to 95% Condensing					
Shock and Vibration			ETSI300-019-1.4					
FIRMWARE								
								