

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 2412-2462MHz								
2.4GHz TX POWER SPECIFICATIONS					2.4GHz RX SPECIFICATIONS			
	DataRate	Avg. TX	Tolerance			DataRate	Sensitivity	Tolerance
11b/g	6-24Mbps	28 dBm	+/-2dB		11b/g	24Mbps	-83 dBm	+/-2dB
	36Mbps	25 dBm	+/-2dB			36Mbps	-80 dBm	+/-2dB
	48Mbps	24 dBm	+/-2dB			48Mbps	-77 dBm	+/-2dB
	54Mbps	23 dBm	+/-2dB			54Mbps	-75 dBm	+/-2dB
11n	MCS0	28 dBm	+/-2dB		11n	MCS0	-96 dBm	+/-2dB
	MCS1	28 dBm	+/-2dB			MCS1	-95 dBm	+/-2dB
	MCS2	28 dBm	+/-2dB			MCS2	-92 dBm	+/-2dB
	MCS3	28 dBm	+/-2dB			MCS3	-90 dBm	+/-2dB
	MCS4	27 dBm	+/-2dB			MCS4	-86 dBm	+/-2dB
	MCS5	25 dBm	+/-2dB			MCS5	-83 dBm	+/-2dB
	MCS6	23 dBm	+/-2dB			MCS6	-77 dBm	+/-2dB
	MCS7	22 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		7 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								
								