

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			
	DataRate	Avg. TX	Tolerance
11a	1-24Mbps	25 dBm	+/-2dB
	36Mbps	23 dBm	+/-2dB
	48Mbps	21 dBm	+/-2dB
	54Mbps	20 dBm	+/-2dB
11n	MCS0	25 dBm	+/-2dB
	MCS1	25 dBm	+/-2dB
	MCS2	25 dBm	+/-2dB
	MCS3	25 dBm	+/-2dB
	MCS4	24 dBm	+/-2dB
	MCS5	22 dBm	+/-2dB
	MCS6	20 dBm	+/-2dB
	MCS7	19 dBm	+/-2dB
5GHz RX SPECIFICATIONS			
	DataRate	Sensitivity	Tolerance
11a	24Mbps	-83 dBm	+/-2dB
	36Mbps	-80 dBm	+/-2dB
	48Mbps	-77 dBm	+/-2dB
	54Mbps	-75 dBm	+/-2dB
11n	MCS0	-96 dBm	+/-2dB
	MCS1	-95 dBm	+/-2dB
	MCS2	-92 dBm	+/-2dB
	MCS3	-90 dBm	+/-2dB
	MCS4	-86 dBm	+/-2dB
	MCS5	-83 dBm	+/-2dB
	MCS6	-77 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 Stabalized 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	-20C to +70C		
Operating Humidity	5 to 95% Condensing		
Shock and Vibration	ETSI300-019-1.4		
FIRMWARE			
			