

The Most Powerful NanoStation Ever



Processor Specs		SYSTEM INFORMATION		Atheros MIPS 24KC, 400MHz					
Memory Information				32MB SDRAM, 8MB Flash					
Networking Interface				2 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 2412MHz-2462MHz									
TX POWER SPECIFICATIONS				RX SPECIFICATIONS					
11b/g	DataRate	Avg. TX	Tolerance	11b/g	DataRate	Sensitivity	Tolerance		
	1-24Mbps	28 dBm	+/-2dB		1-24Mbps	-97 dBm min	+/-2dB		
	36Mbps	26 dBm	+/-2dB		36Mbps	-80 dBm	+/-2dB		
	48Mbps	25 dBm	+/-2dB		48Mbps	-77 dBm	+/-2dB		
	54Mbps	24 dBm	+/-2dB		54Mbps	-75 dBm	+/-2dB		
11n / Airmax	MCS0	28 dBm	+/-2dB	11n / Airmax	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		
	MCS8	28 dBm	+/-2dB		MCS8	-95 dBm	+/-2dB		
	MCS9	28 dBm	+/-2dB		MCS9	-93 dBm	+/-2dB		
	MCS10	28 dBm	+/-2dB		MCS10	-90 dBm	+/-2dB		
	MCS11	28 dBm	+/-2dB		MCS11	-87 dBm	+/-2dB		
	MCS12	27 dBm	+/-2dB		MCS12	-84 dBm	+/-2dB		
	MCS13	25 dBm	+/-2dB		MCS13	-79 dBm	+/-2dB		
	MCS14	23 dBm	+/-2dB		MCS14	-78 dBm	+/-2dB		
	MCS15	22 dBm	+/-2dB		MCS15	-75 dBm	+/-2dB		
PHYSICAL / ELECTRICAL / ENVIRONMENTAL									
Enclosure Size				29.4 cm x 8 cm x 3cm					
Weight				0.4kg					
Enclosure Characteristics				Outdoor UV Stabalized Plastic					
Mounting Kit				Pole Mounting Kit included					
Max Power Consumption				8 Watts					
Power Supply				24V, 0.5A surge portection integrated POE adapter included					
Power Method				Passive Power over Ethernet (pairs 4,5+; 7,8 return)					
Operating Temperature				-30C to +80C					
Operating Humidity				5 to 95% Condensing					
Shock and Vibration				ETSI300-019-1.4					
INTEGRATED 2x2 MIMO ANTENNA									
Frequency Range		2.32-2.55 GHz		Max VSWR		1.6:1			
Gain		10.4-11.2 dBi		H-pol Beamwidth		55 deg.			
Polarization		Dual Linear		V-pol Beamwidth		53 deg.			
Cross-pol Isolation		23dB minimum		Elevation Beamwidth		27 deg.			
VSWR		H-Pol Azimuth		H-Pol Elevation		V-Pol Azimuth		V-Pol Elevation	