

WIRELESS01

WIRELESS STATION

Our low cost, high performance Wireless-Stations are versatile and economical to deploy and use. They are ideal for point to point and point to multi point solutions.



Key Features:

- AP Mode, Bridge Mode
- On-Board LED Signal strength indicator
- Powerful Air O/S Software
- Up to 10 Km L.O.S Distance (Line of sight)
- QoS is given to Video and Data

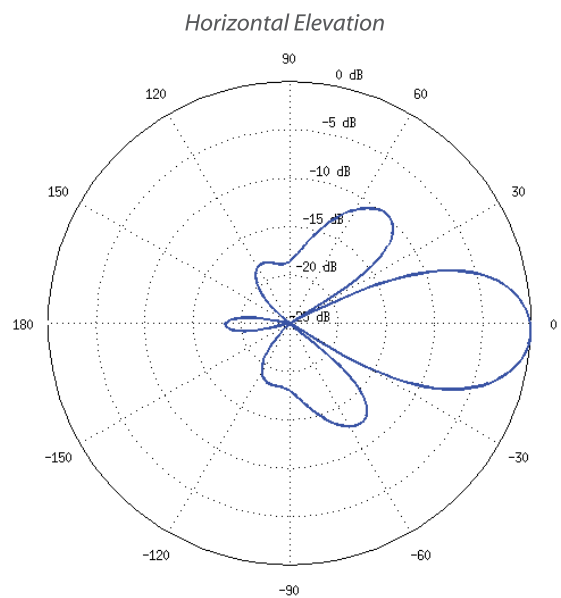
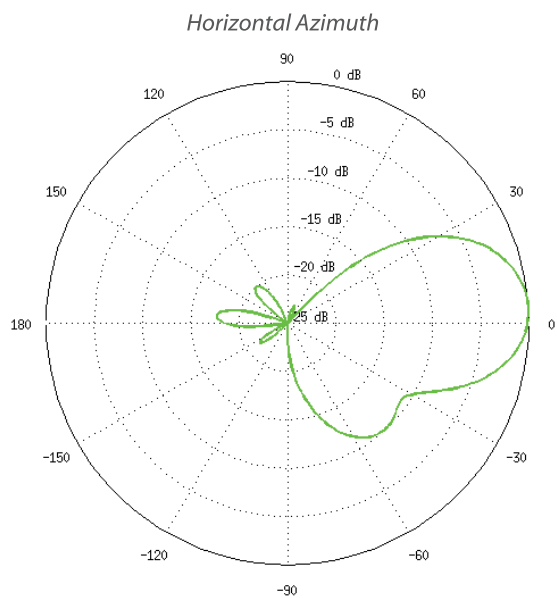
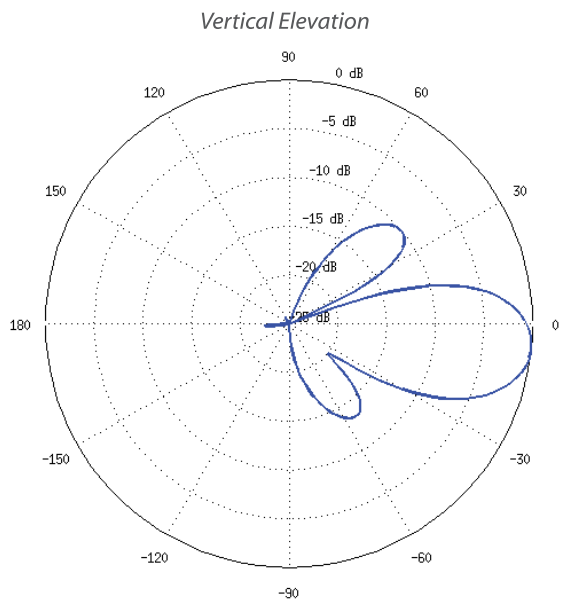
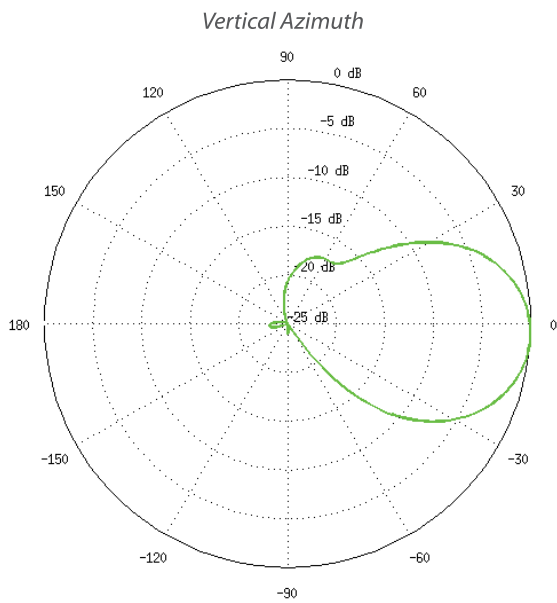
SPECIFICATIONS

Model Number	WIRELESS01
Dimensions	161 x 31 x 80 mm (6.31 x 1.22 x 3.15")
Weight	180 g (6.35 oz)
Power Supply (PoE)	24V, 0.5A
Max. Power Consumption	5.5W
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)
Operating Frequency	5170-5875 MHz
Gain	13 dBi
Networking Interface	(1) 10/100 Ethernet Port
Processor Specs	Atheros MIPS 74Kc, 560 MHz
Memory	64 MB DDR2, 8 MB Flash
Frequency	5 GHz
Cross-pol Isolation	20 dB Minimum

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Max. VSWR	1.4:1
Beamwidth	45° (H-pol) / 45° (V-pol) / 45° (Elevation)
Polarization	Dual Linear
Enclosure	Outdoor UV Stabilized Plastic
Mounting	Pole-Mount (Kit Included)
Operating Temperature	-30 to 75° C (-22 to 167° F)
Operating Humidity	5 to 95% Noncondensing
Wireless Approvals	FCC Part 15.247, IC RS210, CE
RoHS Compliance	Yes
Shock & Vibration	ETSI300-019-1.4



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Output Power: 23 dBm							
5 GHz TX Power Specifications				5 GHz RX Power Specifications			
Modulation	Data Rate/MCS	Avg. TX	Tolerance	Modulation	Data Rate/MCS	Sensitivity	Tolerance
11a	6-24 Mbps	23 dBm	± 2 dB	11a	6-24 Mbps	-83 dBm	± 2 dB
	36 Mbps	21 dBm	± 2 dB		36 Mbps	-80 dBm	± 2 dB
	48 Mbps	19 dBm	± 2 dB		48 Mbps	-77 dBm	± 2 dB
	54 Mbps	18 dBm	± 2 dB		54 Mbps	-75 dBm	± 2 dB
11n/airMAX	MCS0	23 dBm	± 2 dB	11n/airMAX	MCS0	-96 dBm	± 2 dB
	MCS1	23 dBm	± 2 dB		MCS1	-95 dBm	± 2 dB
	MCS2	23 dBm	± 2 dB		MCS2	-92 dBm	± 2 dB
	MCS3	23 dBm	± 2 dB		MCS3	-90 dBm	± 2 dB
	MCS4	22 dBm	± 2 dB		MCS4	-86 dBm	± 2 dB
	MCS5	20 dBm	± 2 dB		MCS5	-83 dBm	± 2 dB
	MCS6	18 dBm	± 2 dB		MCS6	-77 dBm	± 2 dB
	MCS7	17 dBm	± 2 dB		MCS7	-74 dBm	± 2 dB
	MCS8	23 dBm	± 2 dB		MCS8	-95 dBm	± 2 dB
	MCS9	23 dBm	± 2 dB		MCS9	-93 dBm	± 2 dB
	MCS10	23 dBm	± 2 dB		MCS10	-90 dBm	± 2 dB
	MCS11	23 dBm	± 2 dB		MCS11	-87 dBm	± 2 dB
	MCS12	22 dBm	± 2 dB		MCS12	-84 dBm	± 2 dB
	MCS13	20 dBm	± 2 dB		MCS13	-79 dBm	± 2 dB
	MCS14	18 dBm	± 2 dB		MCS14	-78 dBm	± 2 dB
MCS15	17 dBm	± 2 dB	MCS15	-75 dBm	± 2 dB		

Return Loss

