

Link to Far Away Networks



Wifi Station



Wifi Station - EXT

SYSTEM INFORMATION				
Interface WifiStation	USB 2.0, Standard B Connector			
Interface WifiStation-EXT	USB 2.0, Micro-B Connector			
REGULATORY / COMPLIANCE INFORMATION				
Wireless Approvals	FCC Part 15.247, IC RS210, CE			
RoHS Compliance	YES			
OPERATING FREQUENCY 2412MHz-2462MHz				
TX POWER SPECIFICATIONS			RX SPECIFICATIONS	
	DataRate	Avg. TX	Tolerance	
11g	1-24Mbps	30 dBm	+/-2dB	11g
	36Mbps	29 dBm	+/-2dB	
	48Mbps	27 dBm	+/-2dB	
	54Mbps	24 dBm	+/-2dB	
Airmax 11n	MCS0	28 dBm	+/-2dB	Airmax11n
	MCS1	28 dBm	+/-2dB	
	MCS2	28 dBm	+/-2dB	
	MCS3	28 dBm	+/-2dB	
	MCS4	27 dBm	+/-2dB	
	MCS5	25 dBm	+/-2dB	
	MCS6	24 dBm	+/-2dB	
	MCS7	23 dBm	+/-2dB	
	DataRate	Sensitivity	Tolerance	
11g	1-24Mbps	-97 dBm min.	+/-2dB	11g
	36Mbps	-80 dBm	+/-2dB	
	48Mbps	-77 dBm	+/-2dB	
	54Mbps	-75 dBm	+/-2dB	
Airmax11n	MCS0	-96 dBm	+/-2dB	Airmax11n
	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	
PHYSICAL / ELECTRICAL / ENVIRONMENTAL				
Enclosure Size	16cm length x 8cm width x 3cm height			
Weight	0.5 kg			
USB Cable	1m (EXT verison, 4m)			
Max Power Consumption	4.0 Watts			
Operating Temperature	-20C to 75C			
Operating Humidity	5 to 95% Condensing			
Shock and Vibration	ETSI300-019-1.4			
Antenna Information (EXT version)				
EXT Version	External RP-SMA port and 6dBi omni (included)			
INTEGRATED DUAL-POLARITY ANTENNA				
Frequency Range	2.4-2.5 GHz		Max VSWR	1.4:1
Gain	6dBi		H-pol Beamwidth	90 deg.
Polarization	Dual Linear		V-pol Beamwidth	90 deg.
Cross-pol Isolation	20dB minimum		Elevation Beamwidth	90 deg.
VSWR		H-Pol Azimuth		H-Pol Elevation
		V-Pol Azimuth		V-Pol Elevation