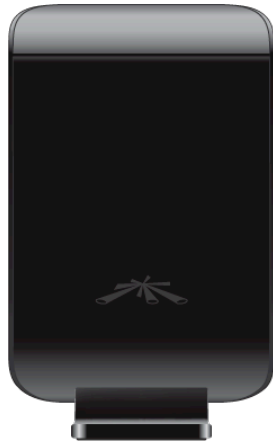


Link to Far Away Networks



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		DataRate	Sensitivity	Tolerance
11g	1-24Mbps	30 dBm	+/-2dB	11g	1-24Mbps	-97 dBm min.	+/-2dB
	36Mbps	29 dBm	+/-2dB		36Mbps	-80 dBm	+/-2dB
	48Mbps	27 dBm	+/-2dB		48Mbps	-77 dBm	+/-2dB
	54Mbps	24 dBm	+/-2dB		54Mbps	-75 dBm	+/-2dB
Airmax 11n	MCS0	28 dBm	+/-2dB	Airmax11n	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	24 dBm	+/-2dB		MCS6	-77 dBm	+/-2dB
	MCS7	23 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 version, 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.

