



E2

OEM Users Guide



*air*MAX

PATENT PENDING

Default IP: 192.168.1.20
username: ubnt password: ubnt

TECH SPECS

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 2412MHz-2462MHz							
TX POWER SPECIFICATIONS				RX SPECIFICATIONS			
	DataRate	Avg. TX	Tolerance		DataRate	Sensitivity	Tolerance
Airmax 11n	MCS0	20 dBm	+/-2dB	Airmax11n	MCS0	-96 dBm	+/-2dB
	MCS1	20 dBm	+/-2dB		MCS1	-95 dBm	+/-2dB
	MCS2	20 dBm	+/-2dB		MCS2	-92 dBm	+/-2dB
	MCS3	20 dBm	+/-2dB		MCS3	-90 dBm	+/-2dB
	MCS4	19 dBm	+/-2dB		MCS4	-86 dBm	+/-2dB
	MCS5	17 dBm	+/-2dB		MCS5	-83 dBm	+/-2dB
	MCS6	16 dBm	+/-2dB		MCS6	-77 dBm	+/-2dB
	MCS7	15 dBm	+/-2dB		MCS7	-74 dBm	+/-2dB
PHYSICAL / ELECTRICAL / ENVIRONMENTAL							
Enclosure Size			16cm length x 8cm width x 3cm height				
Weight			0.5 kg				
Enclosure Characteristics			Outdoor UV Stabalized Plastic				
Mounting Kit			Pole Mounting Kit included				
Max Power Consumption			3.5 Watts				
Power Supply			5V USB+POE Adapter Included				
Power Method			Passive Power over Ethernet (pairs 4,5+; 7,8 return)				
Operating Temperature			-30C to 75C				
Operating Humidity			5 to 95% Condensing				
Shock and Vibration			ETSI300-019-1.4				

COMPLIANCE INFORMATION

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The antennas used for this transmitter must be installed to provide a separation distance of at least following from all users:

20cm

INDUSTRY CANADA

This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

The device has been designed to operate with the antennas listed below and having a maximum gain of 0dBi. Antennas not included in this list or having a gain greater than 0dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

This device must be professionally installed and is designed strictly for outdoor point-to-point wireless links.