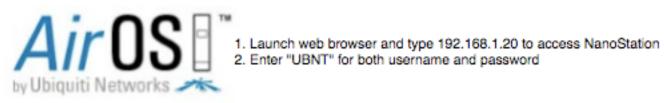


M5L **OEM Users Guide**





USER INSTRUCTIONS



TECH SPECS

			SYS	EM INFORMATION				
Processor S	pecs					Atheros MIPS	5 24KC, 400MHz	
Memory Inf				32MB SDRAM, 8MB Flash				
Networking	Interface			1 X 10/:	100 BASE-TX (C	at. 5, RJ-45) Et	hernet Interface	
			REGULATORY ,	COMPLIANCE INFORMA	TION			
Wireless Ap	provals					FCC Part 15.24	7, IC RS210, CE	
RoHS Comp	liance						YES	
			DEDATING EDE	HENCY FAZONII- FO	NEMUL-			
E	GHz TX POWE		PERATING FRE	UENCY 5470MHz-582		PECIFICATION	ıc	
	DataRate	Avg. TX	Tolerance		DataRate	Sensitivity	Tolerance	
11a	1-24Mbps	23 dBm	+/-2dB		24Mbps	-83 dBm	+/-2dB	
	36Mbps	21 dBm	+/-2dB +/-2dB	6	36Mbps	-80 dBm	+/-2dB	
	48Mbps	19 dBm	+/-2dB +/-2dB	11a	48Mbps	-80 dBm	+/-2dB	
	54Mbps	18 dBm	+/-2dB		54Mbps	-77 dBiii	+/-2dB	
	34110005	10 UDIII	+/-Zub		34141002	-73 UDIII	+/-Zub	
	MCS0	23 dBm	+/-2dB		MCS0	-96 dBm	+/-2dB	
5GHz 11n / AirMax	MCS1	23 dBm	+/-2dB		MCS1	-95 dBm	+/-2dB	
	MCS2	23 dBm	+/-2dB +/-2dB		MCS2	-93 dBm	+/-2dB	
	MCS3	23 dBm	+/-2dB +/-2dB		MCS3	-92 dBm	+/-2dB	
	MCS4	22 dBm	+/-2dB +/-2dB	<u>×</u>	MCS4	-86 dBm	+/-2dB	
	MCS5	22 dBm		5GHz 11n / AirMax	MCS5	-88 dBm		
	MCS6	18 dBm	+/-2dB +/-2dB		MCS6	-77 dBm	+/-2dB +/-2dB	
	MCS7	17 dBm	+/-2dB +/-2dB		MCS7	-77 dBm	+/-2dB	
	MCS7	23 dBm			MCS8	-95 dBm		
			+/-2dB		MCS9		+/-2dB	
	MCS9 MCS10	23 dBm 23 dBm	+/-2dB	N	MCS9 MCS10	-93 dBm -90 dBm	+/-2dB	
			+/-2dB	5			+/-2dB	
	MCS11	23 dBm	+/-2dB	ŭ	MCS11	-87 dBm	+/-2dB	
	MCS12	22 dBm	+/-2dB		MCS12	-84 dBm	+/-2dB	
	MCS13	20 dBm	+/-2dB		MCS13	-79 dBm	+/-2dB	
	MCS14	18 dBm	+/-2dB		MCS14	-78 dBm	+/-2dB	
	MCS15	17 dBm	+/-2dB		MCS15	-75 dBm	+/-2dB	
			DUVCTOAL / EL	CTRICAL / ENVIRONME	-NITAL			
Enclosure S	i=0		PHYSICAL / EL	CTRICAL / ENVIRONME	ENTAL	4.41	F v 416 v 24mm	
	iize					443	5 x 416 x 34mm 3.82kd	
Weight	Na aa ak ai aki a a					0		
Enclosure Characteristics Mounting Kit				Outdoor UV Stabalized Plastic Pole Mounting Kit included				
						Pole Moun		
	Consumption			5.5 Watts				
Power Supply Power Method				24V, 0.5A surge portection integrated POE adapter included Passive Power over Ethernet (pairs 4,5+; 7,8 return)				
				-30C to +80C				
Operating I	emperature					F 1 - 6	-30C t0 +80C	

5 to 95% Condensing ETSI300-019-1.4

Operating Temperature
Operating Humidity
Shock and Vibration

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 pro-vide 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 internal 13dBi antenna used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

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.

This equipment is required to be professionally installed