



USER INSTRUCTIONS



1. Launch web browser and type 192.168.1.20 to access NanoStation
2. Enter "UBNT" for both username and password

TECHNICAL SPECIFICATIONS

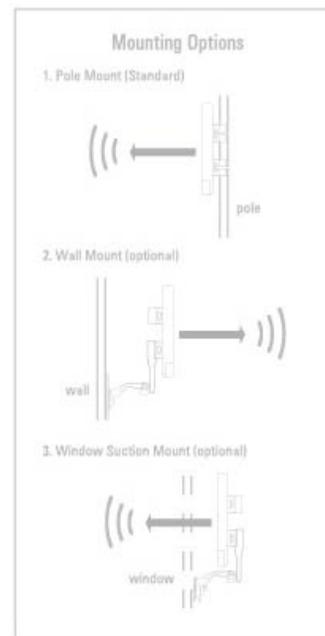
SYSTEM INFORMATION			
Processor Specs		Atheros AR2315 SOC, MIPS 4KC, 180MHz	
Memory Information		16MB SDRAM, 4MB Flash	
Networking Interface		2 X 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface	
REGULATORY / COMPLIANCE INFORMATION			
Wireless Approvals		FCC Part 15.247, IC RS210, CE	
RoHS Compliance		YES	
RADIO OPERATING FREQUENCY 2412-2462 MHz			
TX SPECIFICATIONS		RX SPECIFICATIONS	
	DataRate	TX Power	Tolerance
802.11b	1Mbps	26 dBm	+/-1dB
	2Mbps	26 dBm	+/-1dB
	5.5Mbps	26 dBm	+/-1dB
	11Mbps	26 dBm	+/-1dB
802.11g OFDM	6Mbps	26 dBm	+/-1dB
	9Mbps	26 dBm	+/-1dB
	12Mbps	26 dBm	+/-1dB
	18Mbps	26 dBm	+/-1dB
	24Mbps	26 dBm	+/-1dB
	36Mbps	24 dBm	+/-1dB
	48Mbps	23 dBm	+/-1dB
	54Mbps	22 dBm	+/-1dB
	DataRate	Sensitivity	Tolerance
802.11b	1Mbps	-97 dBm	+/-1dB
	2Mbps	-96 dBm	+/-1dB
	5.5Mbps	-95 dBm	+/-1dB
	11Mbps	-92 dBm	+/-1dB
802.11g OFDM	6Mbps	-94 dBm	+/-1dB
	9Mbps	-93 dBm	+/-1dB
	12Mbps	-91 dBm	+/-1dB
	18Mbps	-90 dBm	+/-1dB
	24Mbps	-86 dBm	+/-1dB
	36Mbps	-83 dBm	+/-1dB
	48Mbps	-77 dBm	+/-1dB
	54Mbps	-74 dBm	+/-1dB
RANGE PERFORMANCE			
Outdoor (BaseStation Antenna Dependent):		Over 15km	
ANTENNA			
Gain	10dBi (2400-2500MHz)		
Polarization	Multi-Polarized		
Polarization Selection	Software Controlled		
	3dB Beamwidth Elevation		30 degrees
	3dB Beamwidth Azimuth		60 degrees
Azimuth			
Elevation			
PHYSICAL / ELECTRICAL / ENVIRONMENTAL			
Enclosure Size	26.4 cm x 8 cm x 3cm		
Weight	0.4kg		
Enclosure Characteristics	Outdoor UV Stabilized Plastic		
Mounting Kit	Pole Mounting Kit included		
Max Power Consumption	4 Watts		
Power Supply	12V, 1A (12 Watts). Supply and injector included		
Power Method	Passive Power over Ethernet (pairs 4,5+; 7,8 return)		
Operating Temperature	-20C to +70C		
Operating Humidity	5 to 95% Condensing		
Shock and Vibration	ETSI300-019-1.4		

ADDITIONAL INFORMATION AND COMPLIANCE



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.

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



This is a Point-to-Point CPE Wireless Device.