



B2 USER GUIDE



USER INSTRUCTIONS



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

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	28 dBm	+/-1dB
	2Mbps	28 dBm	+/-1dB
	5.5Mbps	28 dBm	+/-1dB
	11Mbps	28 dBm	+/-1dB
802.11g OFDM	6Mbps	28 dBm	+/-1dB
	9Mbps	28 dBm	+/-1dB
	12Mbps	28 dBm	+/-1dB
	18Mbps	28 dBm	+/-1dB
	24Mbps	28 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
PHYSICAL / ELECTRICAL / ENVIRONMENTAL			
Enclosure Size	12 in. length x 4 in. height x 1in. Width		
Weight	0.9kg		
Enclosure Characteristics	Outdoor UV Stabalized 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		
SOFTWARE			
			
visit www.ubnt.com/airos			

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 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.