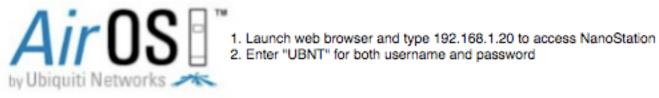


## **B5 USER GUIDE**





### USER INSTRUCTIONS



SYSTEM INFORMATION				
Processor Specs	Atheros AR2313 SOC, MIPS 4KC, 180MHz			
Memory Information	16MB SDRAM, 4MB Flash			
Networking Interface	10/100 BASE-TX (Cat. 5, RJ-45) Ethernet Interface			

REGULATORY / COMPLIANCE INFORMATION				
Wireless Approvals	FCC Part 15.247, IC RS210, C			
RoHS Compliance	YE			

RADIO OPERATING FREQUENCY 5.745-5.825GHz								
TX SPECIFICATIONS				RX SPECIFICATIONS				
	DataRate	Power	Tolerance			DataRate	Sensitivity	Tolerance
_	6Mbps	24 dBm	+/-1.5dB		2.11а ОББМ	6Mbps	-94 dBm	+/-1.5dB
Σ	9Mbps	24 dBm	+/-1.5dB			9Mbps	-93 dBm	+/-1.5dB
<u> </u>	12Mbps	24 dBm	+/-1.5dB			12Mbps	-91 dBm	+/-1.5dB
a	18Mbps	24 dBm	+/-1.5dB			18Mbps	-90 dBm	+/-1.5dB
1 1	24Mbps	26 dBm	+/-1.5dB			24Mbps	-86 dBm	+/-1.5dB
2.1	36Mbps	22 dBm	+/-1.5dB			36Mbps	-83 dBm	+/-1.5dB
808	48Mbps	21 dBm	+/-1.5dB		90	48Mbps	-77 dBm	+/-1.5dB
3	54Mbps	19 dBm	+/-1.5dB			54Mbps	-74 dBm	+/-1.5dB

RANGE PERFORMANCE		
Outdoor (BaseStation Antenna Dependent):	Over 10km	

PHYSICAL / ELECTRICAL / ENVIRONMENTAL				
Enclosure Size	26.4 cm x 8 cm x 3cm			
Weight	0.4kg			
Enclosure Characteristics	Outdoor UV Stabalized Plastic			
Mounting Kit	Pole Mounting Kit included			
Max Power Consumption	5 Watts			
Power Supply	12V, 1A (12 Watts).			
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	FTSI300-019-1.4			

#### 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 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 antennas used for this transmitter must be installed to provide a separation distance of at least 193cm 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.