



B2L

by Ubiquiti Networks



Software Instructions

1. Verify host machine is physically connected to AirGrid device.
2. Configure host system for static IP on the 192.168.1.x subnet.
3. From a web browser access 192.168.1.20 (default AirGrid IP address).
4. When login window appears enter "ubnt" in both the username and password fields.
5. For further operation instructions please visit the support site at www.ubnt.com.

Default IP: 192.168.1.20

username: ubnt password: ubnt

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	
802.11b	DataRate	TX Power	Tolerance
	1Mbps	28 dBm	+/-1dB
	2Mbps	28 dBm	+/-1dB
	5.5Mbps	28 dBm	+/-1dB
802.11g OFDM	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
802.11b	DataRate	Sensitivity	Tolerance
	1Mbps	-97 dBm	+/-1dB
	2Mbps	-96 dBm	+/-1dB
	5.5Mbps	-95 dBm	+/-1dB
802.11g OFDM	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 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		
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 following distance from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

36cm distance for the Grid Antenna

20cm distance for the Omni Antenna

Highest gains are 24dBi for Grid. Highest gains are 6dBi for Omni

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 24dBi. Antennas not included in this list or having a gain greater than 24dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms

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