


BULLET²

UBIQUITI NETWORKS

Zero Variable Outdoor Wireless Deployment



| SYSTEM INFORMATION | | | | | | | |
|---|--|----------|-------------------|--|----------|-------------|-----------|
| Processor Specs | Atheros MIPS 4KC, 180MHz | | | | | | |
| Memory Information | 16MB SDRAM, 4MB Flash | | | | | | |
| Networking Interface | 1 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 | 802.11b | DataRate | Sensitivity | Tolerance |
| | 1Mbps | 20 dBm | +/-1dB | | 1Mbps | -95 dBm | +/-1dB |
| | 2Mbps | 20 dBm | +/-1dB | | 2Mbps | -94 dBm | +/-1dB |
| | 5.5Mbps | 20 dBm | +/-1dB | | 5.5Mbps | -93 dBm | +/-1dB |
| | 11Mbps | 20 dBm | +/-1dB | | 11Mbps | -90 dBm | +/-1dB |
| 802.11g OFDM | 6Mbps | 20 dBm | +/-1dB | 802.11g OFDM | 6Mbps | -92 dBm | +/-1dB |
| | 9Mbps | 20 dBm | +/-1dB | | 9Mbps | -91 dBm | +/-1dB |
| | 12Mbps | 20 dBm | +/-1dB | | 12Mbps | -89 dBm | +/-1dB |
| | 18Mbps | 20 dBm | +/-1dB | | 18Mbps | -88 dBm | +/-1dB |
| | 24Mbps | 20 dBm | +/-1dB | | 24Mbps | -84 dBm | +/-1dB |
| | 36Mbps | 18 dBm | +/-1dB | | 36Mbps | -81 dBm | +/-1dB |
| | 48Mbps | 16 dBm | +/-1dB | | 48Mbps | -75 dBm | +/-1dB |
| | 54Mbps | 15 dBm | +/-1dB | | 54Mbps | -72 dBm | +/-1dB |
| ADJUSTABLE CHANNEL SIZE SUPPORT | | | | | | | |
| 5MHz | | 10MHz | | 20MHz | | | |
| RANGE PERFORMANCE | | | | | | | |
| Outdoor (Antenna Dependent): | | | Over 50km | | | | |
| PHYSICAL / ELECTRICAL / ENVIRONMENTAL | | | | | | | |
| RF Connector | Integrated N-type Male Jack (connects directly to antenna) | | | | | | |
| Enclosure Size | 15.2cm. length x 3.1 cm. height x 3.7cm. width | | | | | | |
| Weight | 0.18kg | | | | | | |
| Enclosure Characteristics | Outdoor UV Stabilized Plastic | | | | | | |
| Max Power Consumption | 4 Watts | | | | | | |
| Power Rating | Up to 24V | | | | | | |
| 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 | | | |