



TECHNICAL SPECIFICATIONS

LAN Interface	Radio
10/100base T Ethernet	5GHz UNII band
Auto-negotiate	18dBm transmit power
RJ 45 connector	Antenna
Framing IEEE 802.3/U	12" x 12" x 2.3"
MAC layer bridging	Weight 3.3lbs
VLAN transparent	All-weather case
10Mb/s symmetrical	Beam 9 degrees H&V
Network	Frequency Bands
Layer 2 Ethernet	5.8GHz (5.725–5.850GHz)
Latency <10ms	5.4GHz (5.470–5.725GHz)
VLAN tag switching	5.3GHz (5.250–5.350GHz)
Supports jumbo frames	

Microwave Security

We incorporate safeguards to secure the transmission link against possible intrusion. The Advanced Encryption Standard (AES 128) includes dynamic encryption key changes to prevent unauthorized eavesdropping in addition to coded time stamping to prevent false transmission from an intruding terminal. The network management system and the equipment are protected by passwords and a challenge/response scheme. The microwave beam is a narrow 9 degrees, which reduces signal dispersion. Each link has a unique SSID consisting of up to 24 alphanumeric characters.