



11-146i/11-147i TT5800 802.11a 5GHz Wireless Bridge

Data Sheet 070412

The TT5800 radio uses the 5.4-5.8GHz band to provide wireless connectivity between Ethernet devices/ networks at up to 25Mbps. The radio can be used with high gain antennas to achieve high data rates over long distances or with a base station omni/sector antenna to provide point-multipoint links.

Main Features

- Quick & easy to install
- Data rate up to 54Mbps (802.11a), 20-25Mbps true throughput
- Web & SNMP based management
- WPA & 64/128 bit WEP data security
- 5 ultra-bright LED's showing signal strength for alignment
- Ruggedised weatherproof enclosure



Electrical Specifications

Protocol	IEEE 802.11a
Modulation	OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency band	5460-5600, 5650-5875MHz
Data rate	1, 5.5, 6,9, 11,12, 18, 24, 36, 48, 54 Mbps
Channels	15 non-overlapping
Power TX	80mW (19±3 dBm) @ 6-24Mbps 63mW (18 dBm) @ 36Mbps 50mW (17 dBm) @ 48Mbps 40mW (16 dBm) @ 54Mbps
Receive sensitivity	6 Mbps @ -87dBm 54 Mbps @ -70dBm
Uplink	10/100 baseT, Auto MDI/MDX
Security	WPA, 64/128WEP
Power	48V DC PoE with surge protection, 802.3af compliant

Mechanical Specifications

Antenna connector	N-Female Bulkhead
Mounting	Wall & pole mount
Operating temperature	-20 to 70 °C

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