



11-146/11-147 TT5800 802.11a 5.8GHz Wireless Bridge

Data Sheet 053009

The TT5800 facilitates connecting between a wired LAN and one or more wireless Local Area Networks using the less cluttered, unlicensed 5.8GHz ISM band.

Main Features

- Quick & easy to install
- Data rate up to 54Mbps (802.11a)
- 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	5.8GHz
Data rate	1, 5.5, 6,9, 11,12, 18, 24, 36, 48, 54 Mbps
Channels	4 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