



TELETRONICS
INTERNATIONAL INC.

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Introducing Teletronics' TT™ Series



TT™ 5800

High Power 802.11a Bridge

Item# 11-144i (AP Mode)
Item# 11-146i (Bridge Mode)
FCC ID: MFMTT5800

Features

- Ultra High 500mW Output power in OFDM modulation (w/optional M58 amp)
- Web & SNMP based Management EZManager
- Adjustable Transmit (TX) Power
- VLAN Transparent Support
- Intra-BSS Traffic Blocking (Layer 2 Isolation)
- Configurable ACK timeout for long distance
- Turbo-mode for high data rate (Optional)
- Ruggedized waterproof and all weather enclosure
- WDS available in AP Mode

Specifications

Standard Compliance:
IEEE 802.11a

Modulation:
OFDM w/BPSK, QPSK, 16 QAM, 64 QAM Modulation

Frequency Band:
5.725 - 5.850 GHz (US FCC)
5.15 - 5.825 (Available ONLY for OEM, Military & Export Version)

Data Rate:
54, 48, 36, 24, 18, 12, 9, and 6Mbps

Output Power:
23 dBm (+/- 1.5dB) @ 6/9/12 /18/24 Mbps, 22 dBm @ 36 Mbps, 21 dBm @ 48 Mbps, 18 dBm @ 54 Mbps

Mounting:
For both wall and pole mount

Enclosure:
Silver Powder Coated Cast Aluminum

Fully Transparent Bridge:
Bridge Layer 2 in AP + WDS mode only, Bridge Layer 2.5 in SU mode

Connector:
N-Type Female

Receive Sensitivity:
-90 dBm ≤ 6 Mbps
-72 dBm ≤ 54 Mbps

RF Channels:
Total of 12 Non-Overlapping Ch. (5 Channels: 5.725 ~ 5.850 GHz)

Data Security:
WPA, WPA2 & 64/128 bit WEP Data Security, MAC Address Filter, Intra-BSS Traffic Blocking (Layer 2 Isolation)

Management:
Web and SNMP based Management EZManager

Ethernet Connection:
10/100 Base T
Auto MDI/MDX

DC Power Input:
Includes 48VDC Adapter & PoE Injector with surge protection IEEE 802.3af compliant

Operating Temperature:
-40 °C to + 70 °C

Weight:
5.5 lbs



TT™ 2400

High Power 250mW 802.11b/g Bridge

Item# 11-152i (AP Mode)
Item# 11-153i (Bridge Mode)
FCC ID: MFMTT-2400

Features

- Web & SNMP based Management EZManager
- Adjustable Transmit (TX) Power
- VLAN Transparent Support
- Intra-BSS Traffic Blocking (Layer 2 Isolation)
- Configurable ACK timeout for long distance
- Turbo-mode for high data rate (Optional)
- Ruggedized waterproof and all weather enclosure
- WDS available in AP Mode

Receive Sensitivity:

IEEE 802.11g	IEEE 802.11b
54Mbps: ≤ -72dBm	11Mbps: ≤ -88dBm
48Mbps: ≤ -73dBm	5.5Mbps: ≤ -90dBm
36Mbps: ≤ -77dBm	2Mbps: ≤ -92dBm
24Mbps: ≤ -81dBm	1Mbps: ≤ -95dBm
18Mbps: ≤ -84dBm	
12Mbps: ≤ -86dBm	
9Mbps: ≤ -88dBm	
6Mbps: ≤ -89dBm	

Specifications

Standard Compliance:
IEEE 802.11b/g (54Mbps)

Modulation:
OFDM w/BPSK, QPSK, 16 QAM, 64 QAM Modulation

Frequency Band:
2.4GHz IEEE
802.11b/g ISM Band

Data Rate:
54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, and 1 Mbps

Output Power:
IEEE 802.11b: 23dBm (+/- 1.5dB) @ 1/2/5.5/11Mbps, IEEE 802.11g: 20dBm (+/- 1.5dB) @ 54 Mbps 21dBm (+/- 1.5dB) @ 48 Mbps 22dBm (+/- 1.5dB) @ 36 Mbps 23dBm (+/- 1.5dB) @ 6 Mbps

Mounting:
For both wall and pole mount

Enclosure:
Silver Powder Coated Cast Aluminum

Connector:
N-Type Female

Management:
Web and SNMP based Management EZManager

Fully Transparent Bridge:
Bridge Layer 2 in AP + WDS mode only, Bridge Layer 2.5 in SU mode

RF Channels:
Total of 3 Non-Overlapping Channels

Data Security:
WPA, WPA2 & 64/128 bit WEP Data Security, MAC Address Filter, Intra-BSS Traffic Blocking (Layer 2 Isolation)

Ethernet Connection:
10/100 Base T
Auto MDI/MDX

DC Power Input:
Includes 48VDC Adapter & PoE Injector with surge protection IEEE 802.3af compliant

Operating Temperature:
-40 °C to + 70 °C

Weight:
5.5 lbs