**TELETRONICS**
**INTERNATIONAL INC.** ®

# Introducing Teletronics' TT™X Series

# TT™5800X

## High Power 802.11a Gateway

Item# 11-177 (AP Gateway)
Item# 11-178 (SU Gateway)
**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**
- **Intra-BSS Traffic Blocking (Layer 2 Isolation)**
- **Configurable ACK timeout for long distance**
- **Turbo-mode for high data rate (108 Mbps)**

- **Powerful QoS for Real Time Applications**
- **Dynamic Bandwidth Control Management**
- **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, 11, 9, 6, 5.5, and 1 Mbps

**Output Power:**
19 dBm (+/- 3dB) @ 6/9/12 /18/24 Mbps, 18 dBm @ 36 Mbps, 17 dBm @ 48 Mbps, 16 dBm @ 54 Mbps

**Mounting:**
For both wall and pole mount

**Enclosure:**
Powder Coated Cast Aluminum

**Connector:**
N-Type Female

**Receive Sensitivity:**
-87 dBm ≤ 6 Mbps
-70 dBm ≤ 54 Mbps

**RF Channels:**
Total of 13 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™5800X Special Features:

### WAN:
- Static IP/DHCP Client/PPPoE Client
- MAC Cloning
- WAN Ping Inbound Filter

### LAN:
- RIP Support
- DNS Relay
- DHCP Server including IP-MAC Reservation

### WIRELESS:
- SSID Hiding
- WEP/WPA/WPA2 Enterprise
- MAC Filtering
- WDS
- 802.11d
- RTS/Fragmentation Threshold
- Ack Timeout
- Transmit Power
- Auto Channel Select

### GATEWAY:
- NAT
- UPNP NAT Passthrough
- Firewall/DMZ (Demilitarized Zone)
- QoS (Bandwidth Control)

### MANAGEMENT:
- Syslog
- Ping Watchdog
- Firmware Upgradeable
- Configuration Import/Export
- EZ Manager