

# TT™4900

## ALL WEATHER ENCLOSURE.

The TT™4900 is a robust, standard compliant outdoor 802.11a bridge. The TT™4900 applications include building out high-capacity public safety infrastructure with fixed point-to-point or point-to-multipoint links for data, video, and voice applications. From public safety disciplines such as law enforcement and fire fighting to public health and disaster recovery, Teletronics TT™4900 outdoor wireless bridges provide a fast, secure, robust, and affordable platform for extending, enabling and enhancing your public safety communications systems.



Item#11-421 (Bridge)

Item#11-422 (AP)

## 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
- Ruggedized Waterproof and All-Weather Enclosure
- WDS (Wireless Distribution System) available in AP Mode
- Industrial Grade Components
- Power Surge Protection
- RoHS compliance

## SPECIFICATIONS

<b>Standard Compliance</b>	IEEE 802.11a	<b>Data Security</b>	WPA, WPA2 & 64/128 bit WEP Data Security, MAC Address Filter, Intra-BSS Traffic Blocking (Layer 2 Isolation)
<b>Modulation</b>	OFDM w/BPSK, QPSK, 16 QAM, 64QAM Modulation	<b>Fully Transparent Bridge</b>	Bridge Layer 2 in AP + WDS mode only, Bridge Layer 2.5 in SU mode
<b>Frequency Band (4.9GHz)</b>	4.920 - 4.980 GHz 5.725 - 5.850 GHz (US FCC) 5.15 - 5.825 (Available for OEM, Military & Export Version)	<b>Receive Sensitivity</b>	-90 dBm ≤ 6 Mbps -72 dBm ≤ 54 Mbps
<b>Data Rate</b>	108 (turbo mode at 4.960 GHz), 54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, and 1 Mbps	<b>Management</b>	Web and SNMP based Management, EZManager
<b>Output Power (200mW)</b>	23 dBm (+/- 1.5dB) @ 6/9/12/18/24 Mbps 23 dBm @ 36 Mbps 21 dBm @ 48 Mbps 18 dBm @ 54 Mbps	<b>Ethernet Connection</b>	10/100 BaseT Auto MDI/MDX
<b>Mounting</b>	For both wall and pole mount	<b>Antenna Connector</b>	N Type Female
<b>RF Channels</b>	Total of 17 Non-Overlapping Chan. (7 Channels: CH 184 - CH 196)	<b>DC Power Input</b>	Includes 48VDC Adapter and PoE Injector w/surge protection IEEE 802.3af compliant
		<b>Operating Environment</b>	-40 °C to + 70 °C
		<b>Weight</b>	5 lbs