

TR-500 Series

All-in-One Advanced AP/PtP/CPE Model

Tranzeo is pleased to announce our TR-500 Series 5.3/5.4/5.8 GHz* indoor product. These integrated fully functioning radios can be configured as an **Access Point**, a **Point to Point** bridge, or a **Client Adapter (CPE)**.



TR-500 model

Overall Features:

Controllable High Gain Output

All radios have +13dBm maximum output. Power can be scaled back for closer installations to avoid noise issues and to meet local regulatory requirements.

Dual Ethernet Ports

This allows you to daisy-chain radios at your installation sites (depending on power requirements). Great for installing peripheral Power over Ethernet devices like weather monitoring or security cameras.

More Robust Routing Features Tunneling Protocol Support

Includes support for tunneling protocols such as VPN, PPTP, RSA, etc.

Low Power Requirements

Excellent for solar and other alternative power source installations. TR-500 radios require only 7 Watts.

Access Point Features: Wireless Distribution System (WDS)

WDS allows Access Points to be wirelessly connected to each other while also servicing clients.

Wi-Fi Protected Access (WPA)

WPA improves on the security features of WEP. It includes improved data encryption and user authentication.

WPA and WEP LEDs

Outside LEDs allow you to easily see if WEP or WPA is activated on your Access Point.

Client Adapter (CPE) Features: Alignment LEDs

Now you can align your client and point to point installations without having to log into the radio. Get visual signal strength at a glance by using this great feature.




*Not all channels approved for use in all areas.



TR-500 Series Specifications

Features	
Standard	802.11a
Frequency Range	5170 MHz to 5805 MHz
Radio Mode	Access Point (AP) / Point to Point (PxP) / Customer Premise Equipment (CPE)
Communication Method	Half-Duplex
Transmit Power	-13dBm max
Receiver Sensitivity	-73dBm @ 54Mbps, -85dBm @ 6Mbps
Polarization	Horizontal or Vertical
Management	
Remote Configuration	Based on IP Address
Device Management	Windows Utility, Web-Based Management, SNMP (MIB-II and 80211 mib compliant)
Protocol Supported	TCP/IP
Security	40/64 bits and 128 bits WEP encryption, Media Access Control address filter (MAC), WPA and WPA2 (TKIP/AES) encryption
Ethernet Connector	10/100 BaseT
Operating Temperature	-65°C to +60°C
Warranty	5 year for parts /3 year for parts and labour*
Dimensions	
TR-500*	7.75" x 4.25" x 1.5"
Connector	RP-TNC
Power Supply	
Universal	AC Power Adapter (US, UK, EU Snap In Plugs) Input: 120-240 VAC~ 50-60 Hz, 0.6 A Output: 18.0 VDC, 1.1 A

Note: This device requires one power supply. Use POE or supplied DC adaptor.

 Ports A and B are POE enabled.

Specifications are subject to change without notice.

* f (FCC) and W(World) Models - Subject to local regulations.

*3 and 5 Year warranties only apply to radio products built after December 1, 2006 and December 31 2007, respectively.