

# 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 shown.

### 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	
<b>Standard</b>	802.11a
<b>Frequency Range</b>	5170 MHz to 5805 MHz
<b>Radio Mode</b>	Access Point / Point to Point / Customer Premise Equipment
<b>Communication Method</b>	Half-Duplex
<b>Transmit Power</b>	-13dBm max
<b>Receiver Sensitivity</b>	-73dBm @ 54Mbps, -85dBm @ 6Mbps
<b>Polarization</b>	Horizontal or Vertical
Management	
<b>Remote Configuration</b>	Based on IP Address
<b>Device Management</b>	Windows Utility, Web-Based Management, SNMP (MIB-II and 80211 mib compliant)
<b>Protocol Supported</b>	TCP/IP
<b>Security</b>	40 bits and 128 bits WEP encryption, Media Access Control address filter (MAC), WPA
<b>Ethernet Connector</b>	10/100 BaseT (Water Tight RJ-45)
<b>Operating Temperature</b>	-65°C to +60°C
<b>Warranty</b>	2 Year Depot
Dimensions	
<b>TR-500</b>	7-3/4" x 4-1/4" x 1-1/2"
<b>Connector</b>	RP-TNC
Power Supply	
<b>Standard</b>	AC Wall Plug Input: 120V 60Hz Output: 18V, 1000mA

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.

Subject to local regulations.