

# TR-6000/6015/6019/6500 SERIES

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

Tranzeo is pleased to announce our all new TR-6000 series 2.4GHz products. These are integrated fully functioning radios. That means these units can be configured as an **Access Point**, a **Point to Point** bridge, or a **Client Adapter (CPE)**.

### All New Overall Features:

#### Dual Ethernet Ports

This allows you to 'daisy-chain' radios at your installation sites. Perfect for back to back CPE to AP scenarios. Also great for installing peripheral 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.

#### Lower Power Requirements – Less than 4 Watts

Excellent for solar and other alternative power source installations. TR-6500 model requires only 18 Watts.

### All New Access Point Features:

#### Wireless Distribution System (WDS)

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

**Back Panel**



#### 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.

### All New 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 new feature.

#### Controllable High Gain Output

All radios have 23dBm of output or greater. Great for long distance client applications. Power can be scaled back for closer installations to avoid noise issues and to meet FCC requirements.





<b>Standards</b>	802.11b
<b>Frequency Range</b>	2400MHz to 2483.5MHz
<b>Radio Mode</b>	Access Point / Point to Point / Customer Premise Equipment
<b>Data Range &amp; Modulation</b>	11Mbps & 5.5 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK
<b>Communication Method</b>	Half-Duplex
<b>Transmit Power</b>	+23 dBm EIRP (+27 dBm EIRP TR-6500)
<b>Receiver Sensitivity</b>	-88@11Mbps, -95@1Mbps (-108@11Mbps, -115@1Mbps TR-6500 Model)
<b>Antenna</b>	
<b>TR-6000 / TR-6500</b>	N-Connector
<b>TR-6015</b>	15dB Panel
<b>TR-6019</b>	19dB Panel
<b>Horizontal Beamwidth</b>	
<b>TR-6000 / TR-6500</b>	N/A
<b>TR-6015</b>	20 Degrees
<b>TR-6019</b>	15 Degrees
<b>Vertical Beamwidth</b>	
<b>TR-6000 / TR-6500</b>	N/A
<b>TR-6015</b>	33 Degrees
<b>TR-6019</b>	16 Degrees
<b>Polarization</b>	Horizontal or Vertical
<b>Remote Config</b>	Based on IP Address
<b>Device Management</b>	Windows Utility, Web-Based Management
<b>Protocol Supported</b>	TCP/IP
<b>Security</b>	40bits and 128 bits WEP encryption, Access Control address filter (MAC), WPA encryption
<b>Ethernet Connector</b>	10/100 base T (Water Tight RJ-45)
<b>Operating Temperature</b>	-65 Deg C to +60 Deg C
<b>Dimensions</b>	
<b>TR-6000 / TR-6015</b>	13" x 10"
<b>TR-6019 / TR-6500</b>	14" x 16"
<b>Warranty</b>	1 Year Depot