

TR-Multi Series

All-in-One Advanced CPE Model

Tranzeo is pleased to announce our all new TR-Multi 2.4 GHz / 5 GHz product. This powerful *Client Adapter (CPE)* features NAT Routing and QOS!

Dual Band Operation

The TR-Multi operates in either the 2.4 GHz or 5 GHz unlicensed bands depending on your requirements. This advanced CPE ensures superior flexibility and scalability while being a welcomed addition to your wireless network.

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.

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-Multi Series radios require only 7 Watts.

Client NAT Router with QOS

Full QOS on this client device gives you all the control necessary for a smooth running wireless network. Turn on the auto-classification for worry free shaping of real-time, interactive traffic, such as gaming, VoIP and video conferencing. Or create custom rules based on your individual needs.

Wi-Fi Protected Access (WPA)

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



Back Panel



WPA and WEP LEDs

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

Alignment LEDs

Now you can align your client 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

This radio has +23dBm output at 2.4 GHz and +13dBm output in the 5 GHz band. Great for long distance client applications. Power can be scaled back for closer installations to avoid noise issues and to meet FCC requirements.

Not all channels approved for use in all areas.

TR-Multi Series Specifications

Features					
Standard		802.11a/b			
Frequency Range		2400 – 2483.5 MHz, 5170 – 5805 GHz			
Radio Mode		Customer Premise Equipment			
Data Range & Modulation		11Mbps & 5.5Mbps CCK, 2Mbps DQPSK, 1 Mbps DBPSK			
Communication Method		Half-Duplex			
Transmit Power		+23dBm (2.4 GHz), +13dBm (5 GHz)			
Receiver Sensitivity		-90dBm @ 11Mbps (2.4GHz), -76dBm @ 54 Mbps (5 GHz)			
Polarization		Horizontal or Vertical			
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-Multi-N	N-Connector	105	165	N/A	N/A
TR-Multi-2	16dBi (2.4 GHz), 20dBi (5 GHz) Panel	182	285	18.2° (2.4 GHz) 10.5° (5 GHz)	18.2° (2.4 GHz) 10.5° (5 GHz)
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 bits and 128 bits WEP encryption, Access Control address filter (MAC), WPA encryption			
Ethernet Connector		10/100 BaseT (water tight RJ-45)			
Operating Temperature		-65°C to +60°C			
Warranty		1 year depot			
Dimensions					
TR-Multi-N		13" X 10-1/8" (radio only)			
TR-Multi-2		16" X 14-1/4" (radio only)			
Power Supply					
Standard		AC Wall Plug Input: 120V 60Hz Output: 18V, 1000mA			
Optional		AC Wall Plug Input: 120V 60Hz Output: 24V, 1000mA			

Specifications are subject to change without notice.
Subject to local regulations.