

TR-600 Series

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

Tranzeo is pleased to announce our TR-600f Series 2.4 GHz indoor products. These integrated fully functioning radios can be configured as an **Access Point**, a **Point to Point** bridge, or a **Client Adapter (CPE)**.

Overall Features:

Controllable High Gain Output

Radios have between +23dBm and +27dBm maximum output, depending on model. Great for long distance client applications. 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-600f and TR-660f radios require only 7 Watts. TR-650f radios require only 24 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.




TR-600f model shown.

Not all channels approved for use in all areas.

TR-600 Series Specifications

Features			
Standard	802.11b/g*		
Frequency Range	2401 MHz to 2483.5 MHz		
Radio Mode	Access Point / Point to Point / Customer Premise Equipment		
Data Range & Modulation	TR-600 / TR-660	b-mode	5.5/11 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK
		g-mode	48/54 Mbps QAM-64, 24/36 Mbps QAM-16, 12/18 Mbps QPSK, 6/9 Mbps BPSK
	TR-650 (b-mode)	5.5/11 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK	
Communication Method	Half-Duplex		
Receiver Sensitivity	TR-600 / TR-660	b-mode	-85dBm @ 11Mbps, -90dBm @ 1Mbps
		g-mode	-72dBm @ 54 Mbps, -89dBm @ 6 Mbps
	TR-650 (b-mode)	-105dBm @ 11Mbps, -110dBm @ 1Mbps	
Polarization	Horizontal or Vertical		
Output Power			
TR-600f*	+23dBm max		
TR-650f*	+27dBm max		
TR-660f*	+26dBm max		
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 base T		
Operating Temperature	-65°C to +60°C		
Warranty	5 year for parts /3 year for parts and labour**		
Dimensions			
TR-600 / TR-660	7.75" x 4.25" x 1.5"		
TR-650	7.00" x 4.25" x 2.25"		
Connector	RP-TNC or N-Type Pigtail		
Power Supply			
Universal	TR-600 / TR-660	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	
Standard	TR-650	AC Wall Plug Input: 120V 60Hz Output: 12V, 1.6 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.

*g-mode available only in models TR-600f / TR-660f built after January 10, 2007.

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