

TR-6000f Series

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

Tranzeo is pleased to announce our TR-6000f Series 2.4 GHz 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:

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-6000f Series 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.

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.

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.

Controllable High Gain Output

Radios have +23dBm 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.

Not all channels approved for use in all areas.

TR-6000f 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		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					
Communication Method		Half-Duplex						
Receiver Sensitivity		B-mode	-85dBm @ 11 Mbps, -90dBm @ 1 Mbps					
		G-mode	-72dBm @ 54 Mbps, -89dBm @ 6 Mbps					
Polarization		Horizontal or Vertical						
Output Power								
TR-6000f / TR-6015f / TR-6019f		+23dBm max						
Antennas								
Model	Type	Wind Load (N)		Beamwidth				
		100 mph	125 mph	Horizontal	Vertical			
TR-6000f	N-Connector	105	165	N/A	N/A			
TR-6015f	15dBi Panel (internal)	105	165	20°	33°			
TR-6019f	19dBi Panel (internal)	182	285	15°	16°			
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, Media Access Control address filter (MAC), WPA						
Ethernet Connector		10/100 base T (Water Tight RJ-45)						
Operating Temperature		-65°C to +60°C						
Warranty		3 Year Depot**						
Dimensions								
TR-6000f / TR-6015f		13" X 10-1/8" (radio only)						
TR-6019f		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.

*G-mode available only in radio product built after January 10, 2007.

**3 Year warranties only apply to radio product built after December 1, 2006.