

TR-60xxf Series

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

Tranzeo is pleased to announce our all new TR-60xxf Series 2.4 GHz radio. These integrated fully functioning radios 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 (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-60xxf Series requires only 5.5 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 maximum output. 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.



Specifications TR-6000f / TR-6015f / TR-6019f

Features					
Standard			802.11b		
Frequency Range			2401 MHz to 2483.5 MHz		
Radio Mode			Access Point / Point to Point / Customer Premise Equipment		
Data Range & Modulation			11 Mbps & 5.5 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK		
Communication Method			Half-Duplex		
Transmit Power			+23dBm max		
Receiver Sensitivity			-85dBm @ 11Mbps, -90dBm @ 1Mbps		
Polarization			Horizontal or Vertical		
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-6000f	N-Connector	100	160	N/A	N/A
TR-6015f	15dB Panel (internal)	100	160	20°	33°
TR-6019f	19dB Panel (internal)	170	270	15°	16°
Management					
Remote Configuration			Based on IP Address		
Device Management			Windows Utility, Web-Based Management		
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 +70°C		
Warranty			1 Year Depot		
Dimensions					
TR-6000f / TR-6015f			13" X 10" (radio only)		
TR-6019f			16" X 14" (radio only)		
Power Supply					
Standard			AC Wall Plug Input: 120V 60Hz Output: 18V, 1000mA		
Optional			AC Wall Plug Input: 120V 60Hz Output: 24V, 1000mA		
			Samlex Switching Power Supply (for daisy chain application) Input: 120V 60Hz Output: 24V, 7A		

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