

TR-65xxf Series

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

Tranzeo is pleased to announce our all new TR-65xxf Series 2.4 GHz radio with built in bi-directional amplifier. 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-65xxf Series requires only 24 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 27dBm 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-6500f / TR-6519f

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		+27dBm max			
Receiver Sensitivity		-105dBm @ 11Mbps, -110dBm @ 1Mbps			
Polarization		Horizontal or Vertical			
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-6500f	N-Connector	170	270	N/A	N/A
TR-6519f	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-6500f / TR-6519f		16" X 14" (radio only)			
Power Supply					
Standard		AC Wall Plug Input: 120V 60Hz Output: 24V, 1000mA			
Optional		Samlex Switching Power Supply Input: 120V 60Hz Output: 24V, 7A			

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