

TR-5plus Series

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

Tranzeo is pleased to announce our all new TR-5plus Series 5.3/5.4/5.8 GHz* products. These are integrated fully functioning radios. That means these units can be configured as an **Access Point**, a **Point to Point** bridge, or a **Client Adapter (CPE)**.

Overall Features:

Controllable High Gain Output

All radios have +23dBm of output. 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). Perfect for back to back point to point scenarios. Also 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-5plus Series requires only 7 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 (AES) 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.



*Not all channels approved for use in all areas.

TR-5plus Series Specifications

Features					
Standard		802.11a			
Frequency Range		5170 MHz to 5805 MHz			
Radio Mode		Access Point / Point to Point / Customer Premise Equipment			
Communication Method		Half-Duplex			
Transmit Power		+23dBm			
Receiver Sensitivity		-76dBm @ 54Mbps			
Polarization		Horizontal or Vertical			
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-5plus-Nf	N-Connector	105	165	N/A	N/A
TR-5plus-20f	20dBi Panel (internal)	105	165	8.7°	7.7°
TR-5plus-24f	24dBi Panel (internal)	182	285	8.7°	7.7°
TR-5plus-26f	26dBi Grid (external)	149	232	6°	6°
TR-5plus-29f	29dBi Dish & Radome (external)	350	547	6°	6°
TR-5plus-32f	32dBi Dish & Radome (external)	787	1230	4°	4°
TR-5plus-V15f	15dBi Vertical Sector (external)	52	82	5°	120°
TR-5plus-V17f	17dBi Vertical Sector (external)	52	81	5°	60°
TR-5plus-H16f	16dBi Horizontal Sector (external)	105	164	90°	6°
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		1 Year Depot			
Dimensions					
TR-5plus-24f		16" X 14-1/4" (radio only)			
TR-5plus-Nf / TR-5plus-20f / TR-5plus-26f / TR-5plus-29f / TR-5plus-32f / TR-5plus-V17f / TR-5plus-V15f / TR-5plus-H16f		13" X 10-1/8" (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.