TR-5amp Series

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

Tranzeo is pleased to announce our all new TR-5amp 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)**.

All New Overall Features:
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.

All New 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 (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.

Controllable High Gain Output

All radios have 25dBm of output. 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-5amp Series Specifications

Features	
Standard	802.11a
Frequency Range	5170 MHz to 5805 MHz
Radio Mode	Access Point (AP) / Point to Point (PxP) / Customer Premise Equipment (CPE)
Communication Method	Half-Duplex
Transmit Power	+25dBm
Receiver Sensitivity	-83dBm @ 54Mbps, -95dBm @ 6Mbps
Polarization	Horizontal or Vertical

Antennas					
Model	**Type**	**Wind Load (N)**		**Beamwidth**	
		100 mph	**125 mph**	**Horizontal**	**Vertical**
TR-5amp-24•	24dBi Panel (internal)	170	270	8.7°	7.7°
TR-5amp-26•	26dBi Grid (external)	140	230	6°	6°
TR-5amp-29•	29dBi Dish & Radome (external)	340	540	6°	6°
TR-5amp-32•	32dBi Dish & Radome (external)	780	1220	4°	4°

Management	
Remote Configuration	Based on IP Address
Device Management	Windows Utility, Web-Based Management
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 (Water Tight RJ-45)
Operating Temperature	-65°C to +60°C
Warranty	5 year for parts /3 year for parts and labour*

Dimensions	
TR-5amp-xx	16.18" X 14.43" X 3.50" (radio only)

Power Supply	
Universal	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
Optional	Samlex Switching Power Supply Input: 120V 60Hz, Output: 24V, 7A

Specifications are subject to change without notice.

• f (FCC) and W (World) Models - Subject to local regulations.

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

TR0037-4