

# TR-5amp-xxf 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.

#### 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.

### 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.



# Specifications TR-5amp-24f / TR-5amp-26f / TR-5amp-29f / TR-5amp-32f

Features					
<b>Standard</b>		802.11a			
<b>Frequency Range</b>		5170 MHz to 5805 MHz			
<b>Radio Mode</b>		Access Point / Point to Point / Customer Premise Equipment			
<b>Communication Method</b>		Half-Duplex			
<b>Transmit Power</b>		+25dBm			
<b>Receiver Sensitivity</b>		-83dBm @ 54Mbps, -95dBm @ 6Mbps			
<b>Polarization</b>		Horizontal or Vertical			
Antennas					
Model	Type	Wind Load (N)		Beamwidth	
		100 mph	125 mph	Horizontal	Vertical
TR-5amp-24f	24dBi Panel (internal)	170	270	8.7°	7.7°
TR-5amp-26f	26dBi Grid (external)	140	230	6°	6°
TR-5amp-29f	29dBi Dish & Radome (external)	340	540	6°	6°
TR-5amp-32f	32dBi Dish & Radome (external)	780	1220	4°	4°
Management					
<b>Remote Configuration</b>		Based on IP Address			
<b>Device Management</b>		Windows Utility, Web-Based Management			
<b>Protocol Supported</b>		TCP/IP			
<b>Security</b>		40 bits and 128 bits WEP encryption, Media Access Control address filter (MAC), WPA			
<b>Ethernet Connector</b>		10/100 base T (Water Tight RJ-45)			
<b>Operating Temperature</b>		-65°C to +60°C			
<b>Warranty</b>		3 Year Depot*			
Dimensions					
<b>TR-5amp-24f</b>		16" X 14" (radio only)			
<b>TR-5amp-26f / TR-5amp-29f / TR-5amp-32f</b>		13" X 10" (radio only)			
Power Supply					
<b>Standard</b>		AC Wall Plug Input: 120V 60Hz Output: 24V, 1000mA			
<b>Optional</b>		Samlex Switching Power Supply Input: 120V 60Hz Output: 24V, 7A			

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

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