

TR-902 Series

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

Tranzeo is pleased to announce our all new, next generation TR-902 Series 900 MHz 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:

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.

G-mode Data Rates

Higher data rates now available! Radio can be set to B or G-mode operation.

Low Power Requirements

Excellent for solar and other alternative power source installations. The TR-902 Series requires only 7 Watts.

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.

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 feature.

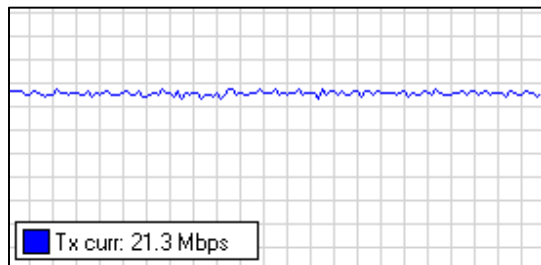
Controllable High Gain Output

All radios have +29dBm (peak) output. Power can be scaled back for closer installations to avoid noise issues and to meet local regulatory requirements.

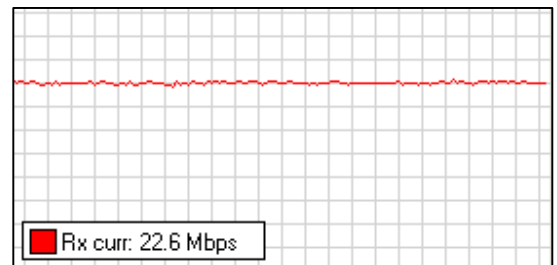


TR-902 Series Specifications

Features					
Standard	802.11b/g*				
Frequency Range	902 MHz to 928 MHz				
Radio Mode	Access Point (AP) / Point to Point (PxP) / Customer Premise Equipment (CPE)				
Communication Method	Half-Duplex				
Transmit Power	+25dBm mean, +29dBm peak				
Receiver Sensitivity	b - mode	-83dBm @ 11Mbps, -86dBm @ 5.5Mbps, -89dBm @ 2Mbps, -92dBm @ 1Mbps			
	g - mode	-67dBm @ 54Mbps, -69dBm @ 48Mbps, -74dBm @ 36Mbps, -78dBm @ 24Mbps, -87dBm @ 6Mbps			
Polarization	Horizontal or Vertical				
Antennas					
Model	Type	Wind Load (N)		3 dB Beamwidth	
		100 mph	125 mph	Elevation	Azimuth
TR-902-N*	N-Connector	105	165	N/A	N/A
TR-902-8*	8dBi Panel (internal)	105	165	60°	65°
TR-902-11*	11dBi Panel (internal)	105	165	55°	60°
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	40/64 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	-55°C to +60°C				
Warranty	5 year for parts /3 year for parts and labour**				
Dimensions					
TR-902-11	16.18" X 14.43" X 3.50" (radio only)				
TR-902-N / TR-902-8	13.22" X 10.28" 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	AC Wall Plug Input: 120V 60Hz, Output: 24V, 1000mA				



Throughput Test: G-Mode, TCP Traffic, 20MHz channel



Throughput Test: G-Mode, TCP Traffic, 20MHz channel

FCCID: QRF-CU900NT3

Specifications are subject to change without notice.

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

*g-mode available only in radio product built after January 10, 2007.

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

19473 Fraser Way, Pitt Meadows, BC, Canada V3Y 2V4

T: 604.460.6002 • F: 604.460.6005 • Toll Free: 1.866.872.6936 • Website: www.tranzeo.com

© Tranzeo Wireless Technologies. All rights reserved. E & OE.

Tranzeo Wireless Technologies Inc., Tranzeo Wireless, Tranzeo, and the Tranzeo logo are registered trademarks of Tranzeo Wireless Technologies Inc.