

## Advanced Indoor AP/PxP/CPE

Tranzeo's **TR-902i** series of 900MHz Indoor Tri-Mode units are intended for use in applications with Non-Line-of-Sight conditions (NLOS), which makes it ideal for indoor deployments. The cost-effective unit can be configured as Access Point (AP), Point-to-Point (PxP), or as Customer Premise Equipment (CPE). This product features a high performance radio with a peak power of +29dBm, and advanced networking and management capabilities including NAT Routing, DHCP Server, Built-in StreamEngine™ QoS, WEP/WPA/WPA2 Security, and Bandwidth Throttling.

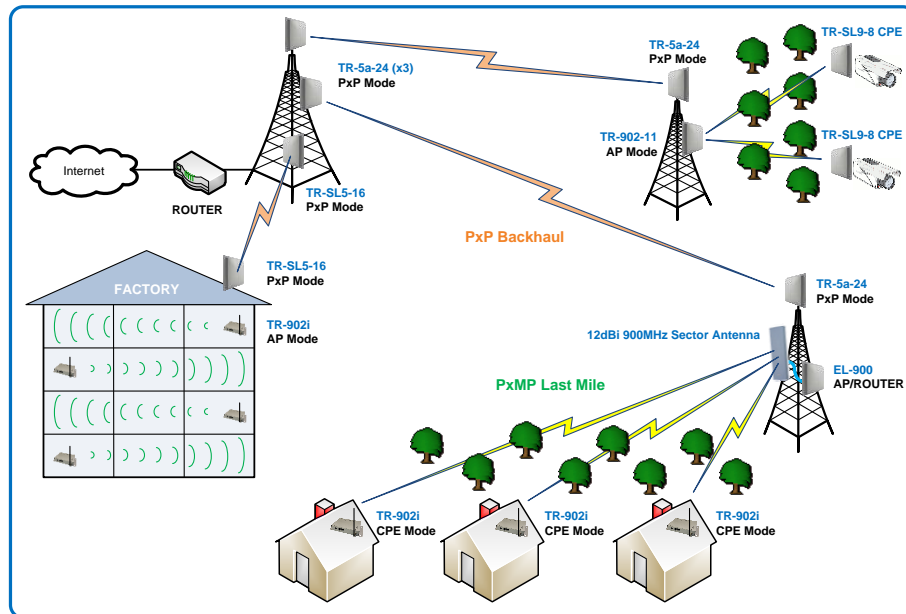
The **TR-902i** is also backed by an industry-leading **5-Year Parts and 3-Year Part & Labour Warranty** and **Lifetime Technical Support** for worry-free network operation.

Tranzeo's leading edge engineering facilities combined with state-of-the-art in-house manufacturing ensures highest quality products at very competitive prices. The **TR-902i** family of products are RUS accepted with "Buy American" status, making it qualified for stimulus funding.



## Applications

- Remote Data Acquisition
- Internet Service
- Video Transmission
- Security and Surveillance
- Private Networks
- In-Vehicle Deployments



## Key Features

- IEEE 802.11b/g Based
- AP/PxP/CPE Radio Modes
- Up to +29dBm Transmit Power with Adjustable Output
- 5/10/20MHz Selectable Channels
- Bandwidth Throttling
- Built-in StreamEngine™ QoS
- WEP/WPA/WPA2 Security
- TCP/IP, UDP, TFTP, SNMP v2c
- NAT, PPPoE, VPN Pass-through
- Wireless Distribution (WDS)
- Powered Dual Ethernet Ports
- Daylight Visible Alignment LED's
- Web-based Management Tools
- Remote Firmware Upgrade
- Rugged Steel Enclosure

## About Tranzeo Wireless Technologies™

Tranzeo Wireless Technologies Inc. (TSX:TZT) leads the wireless broadband industry for value, by producing high-performance wireless network equipment with a low cost of ownership and unparalleled service allowing communities and businesses to communicate without boundaries. Since the company's inception in 2000, Tranzeo's optimum cost effectiveness, premium quality and responsive support have attracted a growing number of devoted dealers and distributors worldwide.

## Tranzeo Wireless Technologies Inc.

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Radio Interface	
Standards	IEEE 802.11b/g <sup>(1)</sup>
Frequency Range	902 – 928 MHz
Channel Bandwidths	5MHz, 10MHz, 20MHz Selectable
Radio Modes	Access Point (AP), Point-to-Point (P×P), Customer Premise Equipment (CPE)
Transmit Power	+29 dBm (peak), +25 dBm (mean) Adjustable Output
Receiver Sensitivity	<b>b-mode</b>
	<b>g-mode</b>
Data Rate & Modulation	
	<b>b-mode</b>
	<b>g-mode</b>
Antenna Connector	N-Type Female
Model No. <sup>(2)</sup>	TR-902if/ <b>W</b>
Networking and Management	
Device Management	Cross-Platform Utility, Web-Based Management, Remote Configuration and Firmware Upgrades (via IP), TFTP, SNMP v2c (MIB-II, 802.11 MIB, Tranzeo MIB), Import/Export/Save Settings Profiles
Protocols	TCP/IP, UDP, NAT, DHCP Client/Server, PPPoE, WDS, VPN Pass-Through, Multiple MAC Bridging
Quality of Service (QoS)	StreamEngine™ QoS
Bandwidth Management	Bandwidth Throttling (Bridge and Router Modes)
Security	40/64-bit and 128-bit WEP Encryption, WPA/WPA2 (TKIP/AES/Enterprise), MAC address filtering
Ethernet	2 x 10/100Base-T (RJ-45)
Max DHCP Clients	255
Power Supply	
Power Requirement	7 Watts (max)
Power Supply	DC Plug or Power-over-Ethernet (PoE)
DC Adapter (included)	18VDC/1.1A (INPUT: 120-240VAC~ 50-60Hz, 0.6A) f-Model: Fixed UL Plug (US only) W-Model: Snap-In Plugs for US, UK, and EU included
Mechanical and Environmental	
Radio Dimensions	9.625" x 6.00" x 1.25" (245mm x 152mm x 32mm)
Radio Weight	2.0 lbs. (0.9 Kg)
Operating Temperature	-65°C to +60°C
Storage Temperature	-40°C to +85°C
Compliance and Warranty	
Export Control	HTC 8517.69.0000, ECCN 5A002 ENC, ECL 1-5.A.2.A.1
Compliance & Approvals	RoHS, FCC Part 15 Class B, Industry Canada
Warranty	5-Year Parts / 3-Year Parts and Labour <sup>(3)</sup>

<sup>(1)</sup> g-mode available only in products built after January 10, 2007 <sup>(2)</sup> f: FCC Model (for use in the USA only), W: World Model (subject to local regulatory requirements). Specifications are subject to change without notice. StreamEngine is a trademark of Ubicom. Tranzeo and the Tranzeo logo are registered trademarks of Tranzeo Wireless Technologies Inc.