

TR-CPE90 SERIES

All-in-One Advanced AP/CPE Model

Tranzeo is pleased to announce our all new TR-CPE90 Series 2.4GHz products. These integrated, fully functioning radios can be configured as an *Access Point (AP)* or a *Client Adapter (CPE)* bridge.

Wi-Fi Protected Access (WPA)

WPA improves on the security features of WEP. It includes improved data encryption and user authentication.

Higher Radio Output Power

The TR-CPE90 Series radios output is increased to +19dBm.

Network Management

Simple Network Management Protocol (SNMP) support.

All New Access Point Features:

Wireless Distribution System (WDS)

WDS allows Access Points to wirelessly bridge each other while also servicing clients. Perfect for hotspots.

Wi-Fi Protected Access (WPA)

WPA improves on the security features of WEP. It includes improved data encryption and user authentication.

Supports 802.11g

802.11g supported in AP or CPE mode. Can be locked to 11b mode only.



Plus all of the features that made the CPE80 so popular

- Multiple MAC Bridge Support
- Outdoor CAT5 Connector
- Remote Management & Remote Update Capability
- DHCP Client
- Power over Ethernet (PoE)
- Grounding Post for easier grounding
- Adjustable RTS/CTS settings
- Web Management
- Transient Discharge Protection (Tested to 2200volts)



Specifications TR-CPE90-Nf / TR-CPE90-15f

| Features | | | | | |
|----------------------------|-----------------------|---|--|------------|----------|
| Standard | | 802.11b/g | | | |
| Frequency Range | | 2412 – 2462 MHz | | | |
| Radio Mode | | Station Adapter / AP Mode (8 clients) | | | |
| Data Range & Modulation | | 11b | 1, 2, 5.5, 11 Mbps / CCK, DQPSK, DBPSK | | |
| | | 11g | 6, 9, 12, 18, 24, 36, 48, 54 Mbps / 16QAM, 64QAM, QPSK, BPSK | | |
| Communication Method | | Half-Duplex | | | |
| Transmit Power | | +19dBm | | | |
| Receiver Sensitivity | | -82dBm @ 11 Mbps | | | |
| Polarization | | Horizontal or Vertical | | | |
| Antennas | | | | | |
| Model | Type | Wind Load (N) | | Beamwidth | |
| | | 100 mph | 125 mph | Horizontal | Vertical |
| TR-CPE90-Nf | N-Connector | 100 | 160 | N/A | N/A |
| TR-CPE90-15f | 15dB Panel (internal) | 100 | 160 | 20° | 33° |
| Management | | | | | |
| Remote Configuration | | Based on IP Address | | | |
| Device Management | | Web-Based Management | | | |
| Protocol Supported | | TCP/IP | | | |
| Security | | 40 bits and 128 bits WEP encryption, WPA (TKIP/AES) | | | |
| Ethernet Connector | | 10BaseT (water tight RJ-45) | | | |
| Operating Temperature | | -40°C to +60°C | | | |
| Warranty | | 1 year depot | | | |
| Dimensions | | | | | |
| TR-CPE90-Nf / TR-CPE90-15f | | 13" x 10" | | | |
| Power Supply | | | | | |
| Standard | | AC Wall Plug Input: 120V 60Hz Output: 18V, 1000mA | | | |

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

