

TRS-6000 Series

Outdoor Wireless Access Point, PTP Bridge & Client Adapter

The TRS-6000 series is a family of versatile wireless products that may be deployed in Access Point, Customer Premise or Point-to-Point applications. An outdoor radio with Power over Ethernet (PoE), the TRS-6000 is available with a standard or high power radio and an integrated 15 or 19 dBi panel antenna or an N-Female connector to support your choice of antenna.

Key Features

- **Dual Ethernet Ports** allow daisy chaining of radios: perfect for back-to-back CPE to AP applications or for installing peripheral IP devices such as surveillance cameras.
- **Tunneling Protocols** include support for applications such as VPN, PPTP and RSA.
- **Lower Power Requirements** are ideal for solar applications and installations with alternative power sources.
- **Wireless Distribution System (WDS)** allows Access Points to be wirelessly connected to each other while also servicing clients.
- **WiFi Protected Access (WPA)** improves on WEP security features and offers enhanced data encryption and user authentication.
- **WPA and WEP LEDs** allow you to quickly see if WEP or WPA is activated on your Access Point.



- **Alignment LEDs** visually display signal strength and allow easy alignment of CPE and PTP installations without the need to use a PC to log into the radio.
- **Controllable High Gain Output** is ideal for long distance applications and allows power to be scaled back for shorter distance applications and to avoid noise issues.

Specifications

Standards	802.11b
Frequency Range	2.4 to 2.4835 GHz
Radio Mode	Access Point, Point to Point & Customer Premise Equipment
Data Speed & Modulation	11 Mbps & 5.5 Mbps CCK, 2 Mbps DQPSK, 1 Mbps DBPSK
Communication Method	Half Duplex
Transmit Power	TRS-60xx: +23 dBm TRS-65xx: +27 dBm
Receiver Sensitivity	TRS-60xx: -88 dBm @ 11 Mbps -95 dBm @ 1 Mbps TRS-65xx: -108 dBm @ 11 Mbps -115 dBm @ 1 Mbps
Antenna	TRS-6000/6500: N-Female Connector TRS-6015: 15 dBi Panel TRS-6019/6519: 19 dBi Panel
Horizontal / Vertical Beamwidth	TRS-6015: 20 / 33 Degrees TRS-6019/6519: 15 / 16 Degrees
Remote Configuration	Based on IP Address
Device Management	Windows Utility, Web-Based Management
Security	40/128-bit WEP Encryption, WPA, Access Control address filter
Ethernet Connector	10/100BaseT (watertight RJ45)
Operating Temperature	-65° C to +60° C
Dimensions	TRS-6000/6015: 13" x 10" (33 x 25.4 cm) TRS-6019/6500/6519: 14" x 16" (35.6 x 40.6 cm)

Specifications subject to change without notice.

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