

## TRS-5A Series

### *Outdoor 5.8 GHz Wireless Access Point, PTP Bridge & Client Adapter*

The TRS-5A series is a family of versatile 5.3/5.8 GHz 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-5A is available with a standard or amplified radio and a wide choice of antenna options.

#### **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	802.11a	
Frequency Range	5.170 to 5.805 GHz	
Radio Mode	Access Point, Point to Point & Customer Premise Equipment	
Data Rates & Modulation	54 Mbps 64-QAM	48, 36, 24 Mbps 16-QAM
	18, 12 Mbps QPSK	9, 6 Mbps BPSK
Communication Method	Half Duplex	
Transmit Power	TRS-5a: +13 dBm	TRS-5amp: +22 dBm
Receiver Sensitivity	-73 dBm @ 54 Mbps	-93 dBm @ 1 Mbps
Antenna	TRS-5A:	N-Female Connector
	TRS-5A-21/24f:	21/24 Panel
Horizontal / Vertical Beamwidth	TRS-5A-21/24f:	8.7 / 7.7 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-5A/5A-21f: 13" x 10" (33 x 25.4 cm)	
	TRS-5A-24f: 14" x 16" (35.6 x 40.6 cm)	

Specifications subject to change without notice.

### **Sagaxis Inc.**

155 Champagne Drive, Suite 7, Toronto, Ontario, Canada M3J 2C6

Tel: + 1 (416) 693-7108

Fax: + 1 (416) 385-1610

[info@sagaxis.com](mailto:info@sagaxis.com)

[www.sagaxis.com](http://www.sagaxis.com)