



# RPOTS Access Module

## Total Access® 5000 RPOTS Access Module

### Product Features

- Provides 24 Remote POTS interfaces
- VoIP support
- Up to 504 ports per Total Access 5000
- Voice signaling via GR-303/TR-08
- Automatic detection algorithm locates new Total Access 5000 RPOTS cards installed into the node
- Metallic Test Access
- Supported by Total Access EMS
- Industry-leading 10-year warranty

As carriers optimize their access infrastructure to deliver next-generation services, platforms that can support both emerging services (like IPTV) and existing services (like plain old telephone service (POTS)) allow carriers to converge and optimize their network architecture. The ADTRAN Total Access 5000 Remote POTS (RPOTS) Access Module provides 24 RPOTS interfaces from a single access line slot. The subscriber interface is traditional analog POTS, but the Total Access 5000 RPOTS card converts each analog signal directly to an RFC 3550 IP packet, allowing voice traffic to be carried across the same Ethernet transport architecture alongside next-generation services like IPTV.

Network interface is provided via the DS1 Voice Gateway Line Module, providing up to 32 DS1 interfaces using standard GR-303/TR-08 protocol to interface to the switch.

In addition to Voice Gateway support, the RPOTS modules also supports the CPOTS module for TR-57 network interface DS1 connections. However, the RPOTS Line Module retains the flexibility to seamlessly upgrade via software to support next-generation voice architectures, such as SIP/MGCP.

Front panel LEDs include power, card status and loop status for each subscriber loop. The RPOTS Access Module supports craft interface management via the Total Access 5000 System Controller Module (SCM). More comprehensive management is available using the Total Access Element Management System (EMS).

All provisioning data is supported through the SCM communications link. All provisioning data is stored in nonvolatile memory for recovery after a power loss and optional auto-provisioning is supported via the SCM.



**ADTRAN, Inc.**

901 Explorer Boulevard  
Huntsville, AL 35806

P.O. Box 140000  
Huntsville, AL 35814-4000

256 963 8000 voice  
256 963 8030 fax

**General Information**

800 9ADTRAN  
info@adtran.com  
www.adtran.com

**Pre-Sales**

**Technical Support**

888 5ADTRAN  
support@adtran.com  
www.adtran.com/support

**Where to Buy**

800 827 0807  
www.adtran.com/where2buy

**Post-Sales**

**Technical Support**

800 726 8663  
support@adtran.com  
www.adtran.com/support

**Regional Offices**

**Dallas, TX**

972 830 9070  
Denver, CO  
303 471 9150

**Kansas City, KS**

800 471 8649  
Newark, NJ  
800 471 8656

**Ontario, Canada**

416 290 0585  
Quebec, Canada  
877 923 8726

**San Antonio, TX**

888 223 7671

**International Inquiries**

+1 256 963 8716 voice  
+1 256 963 6300 fax  
international@adtran.com  
www.adtran.com/international



TL19:1270

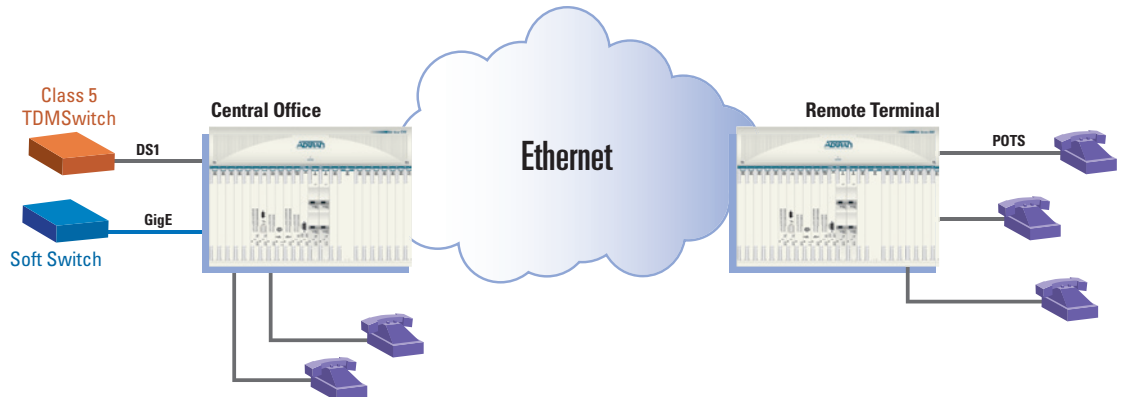


ADTRAN is an ISO 9001, ISO 14001  
and a TL 9000 certified supplier.

61187150L1-8B April 2011  
Copyright © 2011 ADTRAN, Inc.  
All rights reserved.

# RPOTS Access Module

## Total Access 5000 RPOTS Access Module



## Product Specifications

### Mechanical

#### Dimensions

- **Height:** 9.25 inches
- **Width:** 0.8 inches
- **Depth:** 9.25 inches

### Interfaces

#### Network Interfaces

- Intra-node via Ethernet transport (GE or EFM)
- Voice Switch Interface via DS1 Voice Gateway Line Module or CPOTS Line Module

#### Physical

- Requires AMI02 CH50 Push Through (P/N 1187410G1) or AMI03 CH50 Push Through (P/N 1187411G1)
- Female CH50 connection for subscriber termination

### POTS Performance

#### Signaling Modes

- Loop Start
- Ground Start

#### Impedance

- 600Ω +2.15μF
- 900Ω +2.15μF

**Loop Reach:** 1850Ω including handset

### Regulatory Standards

- NEBS Level 3
- GR-1089 CORE
- GR-63 CORE
- NRTL Listed
- FCC Part 15

### Management

- Remote management through SNMP and TL1
- Ethernet interface for SNMP environmental

### Environment

- **Operating Temperature:** -40°C to +65°C
- **Storage Temperature:** -40°C to +70°C
- **Relative Humidity:** Up to 95%, noncondensing

## Ordering Information

Equipment	Part #
Total Access 5000 RPOTS	1187150L1
Total Access 5000 AMI02 CH50 Push Through	1187410G1
Total Access 5000 AMI03 CH50 Push Through	1187411G1

Specifications subject to change without notice. ADTRAN and Total Access are registered trademarks of ADTRAN, Inc. All other trademarks mentioned in this document are the property of their respective owners.