



QUAD ATM DS3 LINE MODULE

TOTAL ACCESS 5000

Product Features

- Four (4) ATM DS3 Interfaces
- Up to 40 Redundant DS3s per Total Access 5000
- Optional 1:1 Equipment Protection
- VPI/VCI to VLAN Interworking
- Full range of VLAN IDs Supported
- Transparent ATM Pass-through support
- Full range of VPI/VCI supported
- F5 OAM Loopback generation and response
- Supported by Total Access EMS
- Industry-leading, 10-year Warranty

The ADTRAN® Total Access® 5000 is a carrier class multiservice access and aggregation platform that bridges the gap between existing and next-generation networks.

With a pure Ethernet core, the Total Access 5000 supports both legacy and emerging service interfaces over copper and fiber, easily scaling to support even the most bandwidth intensive applications. Although IP/Ethernet has always been the destination, carriers were compelled to deploy an ATM core to support their rollout of high-speed DSL services. With Ethernet as the clear goal for many carriers, pure Ethernet platforms like the Total Access 5000 enable the emerging services that carriers are focused on delivering to their customers. Unlike other Ethernet platforms; the Total Access 5000 provides the ability to accomplish ATM to Ethernet migration in phases over time or via an immediate transition using simultaneous ATM and Ethernet network connections.

The Total Access 5000 Quad DS3 Line Module plays a key part in supporting the migration from the existing ATM network to the emerging IP/Ethernet core by providing the aggregation interfaces from the Total Access 5000. The Quad DS3 Line Module operates in conjunction with the Switch Module and can provide up to four (4) ATM DS3s as aggregation ports toward standard ATM fed subtended devices. Utilizing the Ethernet uplink or a single port ATM Line Module as the network uplink, provides quite a bit of flexibility when migrating networks from ATM to Ethernet or taking advantage of cost-effective ATM aggregation. ATM Aggregation or ATM to Ethernet Interworking or a mixture of both, the Quad DS3 Line Module provides critical ATM connectivity subtended devices which in turn support high-speed Internet subscribers.

The architecture of the Total Access 5000 provides users the flexibility to configure any circuit from an aggregation port (i.e. ATM OC-3, ATM DS3, or xDSL service) toward the network via an ATM Line Module or via the Switch Module's Ethernet port on a circuit-by-circuit basis, providing complete manageability of your migration from ATM to Ethernet. To further manage ATM connections, the Quad DS3 Line Module supports complete F5 OAM Cell generation and response (OAM Loopbacks). Further, the Quad DS3 Line Module can be deployed simplex or redundant, providing up to four (4) 44.746 Mbps aggregation links for subtended devices.

Front panel LEDs include power, card status and loop status for each network uplink. The Quad DS3 Line Module supports local and remote management (Telnet, SNMP, TL1) via the Total Access 5000 System Controller Module (SCM). More comprehensive management is available using the Total Access Element Management System (EMS).

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

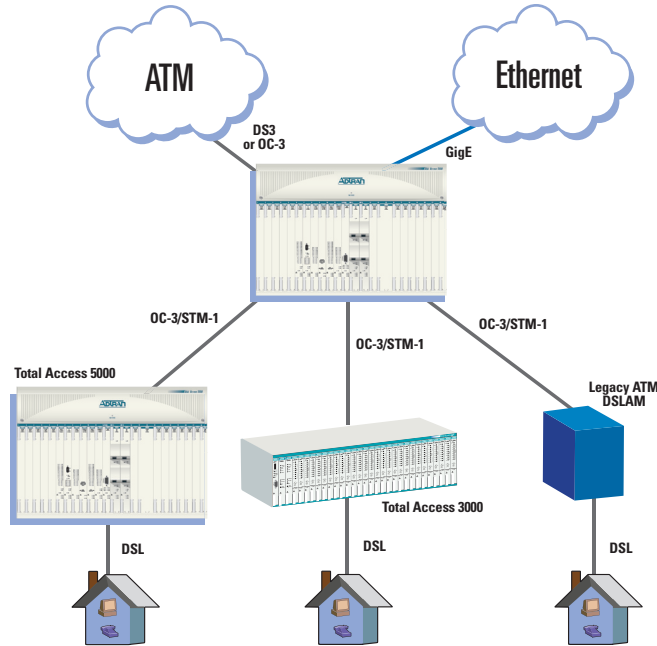


ADTRAN is an ISO 9001, ISO 14001
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Product Specifications

Mechanical

- **Dimensions**
 - 9.25 in. H x 0.8 in. W x 9.25 in. D

Interfaces

- **Network Interface:** DS3
- **Physical Interface**
 - Requires appropriate LMIO (Line Module Input Output) backplane panel – see ordering information
 - Standard BNC Connector

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

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

Ordering Information

Equipment	Part #
TA5000 DS3 4-PORT LINE MODULE	1187201L1
TA5000 LMIO2 DS3 1R REDUNDANT	1187440L1
TA5000 LMIO2 DS3 2NR NON-REDUN	1187441L1
TA5000 LMIO2 DS3 4NR NON-REDUN	1187444E1

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