# System Control Module

## Total Access® 5000 System Control Module

## Product Features

- Critical, major and minor alarm contact closures
- Ethernet interface for SNMP, TL1 and file transfer via FTP and TFTP
- Hot swappable
- Extended temperature hardened components (-40°C to +65°C)
- Shelf configuration storage (System Configuration Archival) and restore via FTP or TFTP
- System Inventory View
- Control Module Report Generation
- Auto Upgrade for maintaining system software release versions
- Industry-leading 10 year warranty

**The ADTRAN® Total Access 5000 System Control Module (SCM) facilitates flexible, economical management while supporting both local and remote provisioning. The card is hot-swappable and provides console access and alarm contact closures.**

The SCM provides SNMP, TL1 and Telnet remote console functionality through both inband and out of band TCP/IP interfaces.

The SCM provides local asynchronous management interfaces via a front panel DB-9 console port (CRAFT) and two back panel DB-9 console ports (ADMIN and NTWK MGMT). The console port on the front panel provides connectivity via the system menus, while the admin and network management ports offer access for menus, TL1 and terminal server functionality.

Additionally, the SCM maintains a copy of the provisioning for each module in the shelf. In the event of a module exchange, the previous provisioning information will be restored if the new module is of the same type. The SCM maintains a copy of the system configuration archival (SCA) file, which can be uploaded to an external file server and used for disaster recovery.

*Total Access Systems®*

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## Total Access 5000 System Control Module

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TL 9000 registered company.

## Product Specifications

### Mechanical

**Dimensions**
- Height: 9.25 in.
- Width: .88 in.
- Depth: 9.5 in.
- Weight: 0.6 lbs.

### Interfaces
- **Craft:** DB-9 RS-232 Electrical Interface (Async)
- **Admin:** DB-9 RS-232 DTE Electrical Interface (Async) with Modem Control Signals
- **Network Management Port:** DB-9 RS-232 DTE Electrical Interface (Async)
- **Ethernet:** 10Bit Interface
- MAJ/MIN/CR Audible and Visual Alarm relay contact closures
- 16 External Alarm inputs

### Regulatory Standards
- NEBS
- GR-1089 CORE
- GR-63 CORE
- NRTL Listed
- FCC Part 15

### Management
- Remote management through SNMP and TL1 and Telnet
- Ethernet interface for SNMP, TL1 and Telnet
- Local Craft, ADMIN and NTWK management ports

### Security
- Non-volatile System Event Log for security access and administration tracking.
- Password Aging
- Account Expiration
- Account Lockout
- Complex Password Enforcement
- Security Advisory Warning Banner (full page)
- RADIUS Remote Authentication
- Trusted IP Client Restriction
- TL1 message Log
- "Challenge Key" Emergency Entry Port

### Environmental
- Operating Temperature: -40°C to +65°C
- Storage Temperature: -40°C to +70°C
- Relative Humidity: Up to 95%, non-condensing

## Ordering Information

| Part # | Equipment |
| --- | --- |
| 1187010L1 | TA5000 SYSTEM CONTROL MODULE |

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