

GATEWAY SCU

TOTAL ACCESS™ 3000 SYSTEM CONTROLLER UNIT

PRODUCT FEATURES

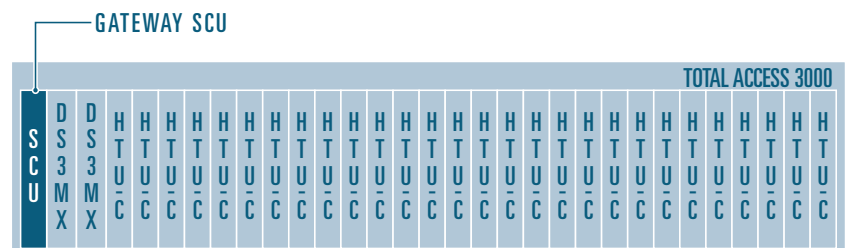
- Two-wire RS-485 port for communication between systems
- RS-232C console DB25 on backplane, DB9 on faceplate
- Critical, major, and minor alarm contact closures
- Ethernet interface for SNMP
- X.25 port for TL1 management
- Display and toggle switch for local software configuration
- Hot swappable
- Operates in standard temperature hardening (−40° to +65°C)
- Industry leading 10 year warranty

The ADTRAN® Total Access™ 3000 System Controller Unit (SCU) facilitates flexible, economical management while supporting both local and remote provisioning. The SCU is available in two versions, the Gateway version and the Standard version. Both are hot-swappable and provide console access and alarm contact closures.

The Gateway SCU provides for remote management through SNMP and TL1. TL1 access is provided through a built-in X.25 PAD. SNMP access is provided through a 10BaseT Ethernet connection. TELNET remote console access is also provided.

Except for the single DB-9 console port on the faceplate, all connectors to the SCU are located on the rear of the system's backplane. One DB-25 provides a second connection to the console, and an additional DB-25 is used for X.25 access. A 10BaseT connector supports SNMP management. An RS-485 interface provides for management communication between system SCUs (up to 16) on a two-wire bus.

If a Gateway SCU is used as a host when daisy-chaining two or more Total Access 3000 shelves together, all other shelves must have Standard SCUs.



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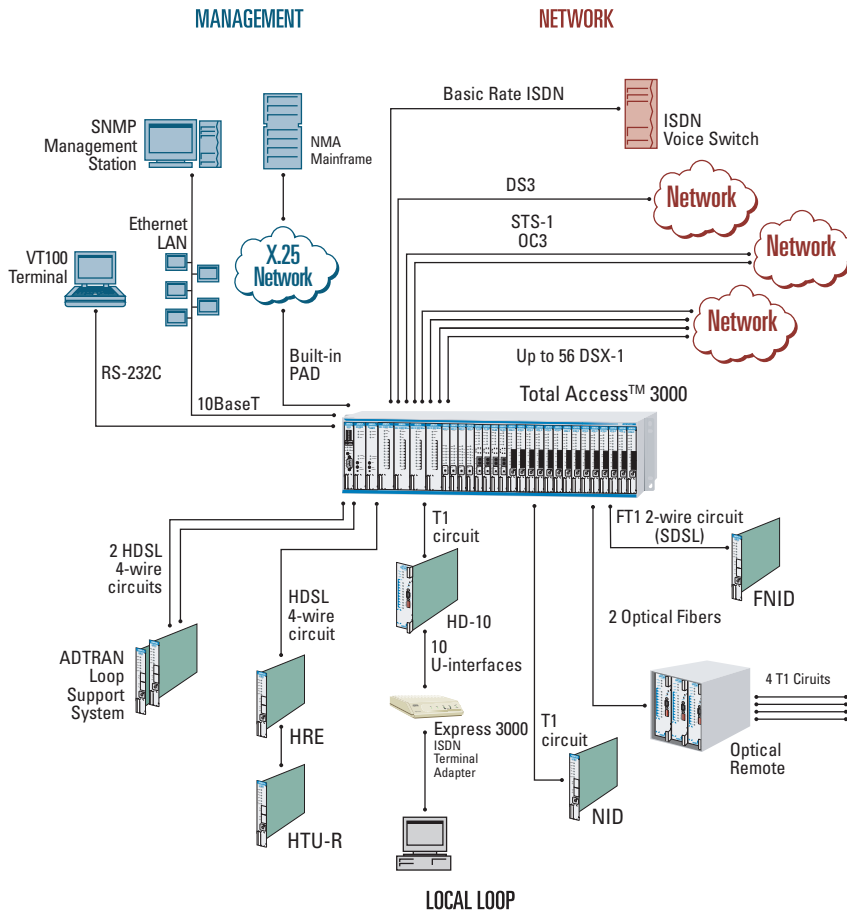
All other International inquiries
256 963-2500



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Product Specifications

FACEPLATE FEATURES

- Display and toggle switch for local software configuration
- Alarm cut-off push button

MECHANICAL

Dimensions

- 5.20" H, 0.790" W, 9.25" D

Mounting

- Plugs into the leftmost slot of a Total Access 3000 chassis

INTERFACES

- Synchronous X.25 interface that supports TL1
- Terminal interface on faceplate and chassis backplane
- Ethernet 10BaseT interface
- Alarm relay contact closures
- RS-485 bus for interchassis communications

ELECTRICAL

Input Power

- -48 VDC nominal
- -42 VDC minimum
- -56 VDC maximum

Regulatory Standards

- NEBS Level III
- GR-1089-CORE
- UL 1950

ENVIRONMENTAL

Operating Temperature

- -40° to +65°C

Relative Humidity

- Up to 95%, non-condensing

Ordering Information

EQUIPMENT

PART #

Gateway SCU.....1181017L1

Specifications subject to change without notice.