Plug-in Modules for REDCOM SLICE® Family of Products

▶ *REDCOM SLICE and SLICE 2100 each feature two rear-accessible positions for your choice of modules*

▶ *Modules allow you to custom-configure your SLICE to meet your specific needs*

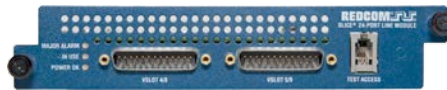▶ *All modules are hot-swappable and can be installed in seconds*

Above: A SLICE 2100 with a 12 Port Line Module seated in Bay 0 and a Multi-E1/T1 Module partially installed in Bay 1.

12 PORT LINE MODULE

- 12 Loop Lines
  - Available with RJ-11 connectors (shown above) or a DB-25 connector.
  - DTMF receivers & caller-ID senders & echo cancellers
  - 24 or 48 volt loop battery (auto-select)
  - Meets both ANSI & ETSI standards
  - 1200/1900 Ω Loop
- 2 ISDN BRI-S (2B+D) Lines
  - Meets both ANSI & ETSI standards
  - 5ESS Protocol
  - National ISDN-1
  - Euro ISDN
- 1 Test Access Jack

24 PORT LINE MODULE

- 24 Loop Lines
  - DTMF receivers & caller-ID senders & echo cancellers
  - 24 or 48 volt loop battery (auto-select)
  - Meets both ANSI & ETSI standards
  - 1200/1900 Ω Loop
- 1 Test Access Jack

ANALOG TRUNK MODULE

- 10 Loop/Magneto Lines
  - Software-selected per circuit as loop or magneto
  - DTMF receivers & caller-ID senders & echo cancellers
  - 24 or 48 volt loop battery (auto-select)
  - Meets both ANSI & ETSI standards
  - 1200/1900 Ω Loop
- 2 ISDN BRI-S (2B+D) Lines
  - Meets both ANSI & ETSI standards
  - 5ESS Protocol
  - National ISDN-1
  - Euro ISDN
- 2 E&M/SF Trunks
  - Software-selected per circuit to operate in E&M or SF mode
- 2 GSRD/LSRD Trunks
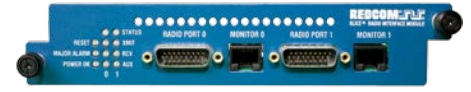 - Software-selected per module to operate in GSRD or LSRD mode

SECURE DEVICE INTERFACE MODULE

- Available only with Military/DoD software loads V4 or higher

- 2 HD-26 connectors per module

- 4 interface ports which work with the following devices:
  - Sectéra® Wireline Terminal (Type 1)
  - TalkSECURE™ (non-Type 1)

- Each port consists of an RS-232 interface and a two-wire audio interface that can be configured as ground or loop start

- Separate audio and call control data to each secure device

- Supports non-secure trunk functionality

MULTI-E1/T1 MODULE

- 4 E1/T1 Spans, each with:
  - Software-selectable per span to operate as 100 Ω T1 or 120 Ω E1 interface
  - Independent alarm and loopback indicators for each span
  - Software controlled clock synchronization
  - Can be provisioned as a fractional E1/T1
  - 4 general-purpose Digital Signal Processors (DSPs): DTMF, MF/R1, MFC R2, Echo Cancellation
  - Support for Primary Rate ISDN
    - 4ESS & 5ESS Protocol
    - National ISDN-1
    - DMS100
    - Euro ISDN
  - Integrated SS7 support (8 links per board with software V4 or higher)

RADIO INTERFACE MODULE

- Requires software V4 or higher

- Audio Levels: Mic or 600 Ω with additional gain/loss controls

- Outgoing key methods:
  - PTT
  - VOX
  - DTMF
  - Permanent

- Incoming key methods:
  - COR or VOX
  - External PTT

- Administrable voice delay on transmit (allows for preambles and for scanners to lock to a channel)

- Half-Duplex or Full-Duplex operation

- Secure Modes of Operation

- Visual indicators for Transmit and Receive status

- External Speaker outputs and remote dial-up monitoring (listen only)

- Provisional tones:
  - New user alert
  - End of Transmission
  - End of Reception

- Echo Cancellers

- Pressel-like DTMF keying

MEDIA GATEWAY MODULE

- Works in conjunction with the existing built-in media gateway in the SLICE 2100

- Provides an additional 128 timeslots per module:
  - Allows more simultaneous TDM-IP calls
  - Provides extra bandwidth for gateway applications
  - Enables additional TRANSip capacity, such as tones and announcements

- 1 10/100 Ethernet Port

PROUDLY DESIGNED, BUILT & SERVICED IN THE USA

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