

PRISM 3030/3060

HIGHLIGHTS

**T1 Multiplexing solution,
comprehensive and compact**

Integral T1 CSU

Enhanced voice capabilities

**Unparalleled diagnostic and testing
capabilities**

Embedded SNMP Agent

User-friendly management

APPLICATION CARDS

FXA Analog Voice
Caller ID, DID, DNIS, ANI, UVG,
CLASS
Onboard ring generator

Dual High-Speed Data
Dual combinations of V.35, RS-232
or EIA-530
Synchronous Nx56/64 kbps

4-Wire E&M Voice
Type I, II, III, IV and V
6 Ports per card

Dual DSX Interface
Provides drop/insert capability
Direct connection to PBX

FXO Analog Voice
DID, DNIS, ANI, UVG, CLASS
Onboard -48V phone power
6 Ports per card

SNMP LAN Management Interface
Ethernet interface to LAN/WAN
Embedded SNMP
Optional DSX-1 interface

Verilink's PRISM 3030 and 3060 Integrated Access Multiplexers reduce communication costs by combining voice and data over a single T1 facility. These slim devices are customized with plug-in cards to meet today's demanding networking needs. This modularity allows easy future expansion as the network grows.

Advanced telephony technologies are supported by the 3030/3060. Verilink's voice cards act as an enhanced channel bank to support signaling features such as DNIS and Caller ID. These value-added services can be implemented in 911 dispatching, operator services, and other database applications to create "intelligent" telephone networks.

Unmatched features are incorporated into the 3030/3060, saving network managers time and effort in problem detection, resolution and analysis. The integral T1 CSU allows users to view 30 days of collected performance data. Normally found only in expensive testing equipment, the 3030/3060 integrates pattern testing and loopback modes to monitor line conditions of the network and connected devices.



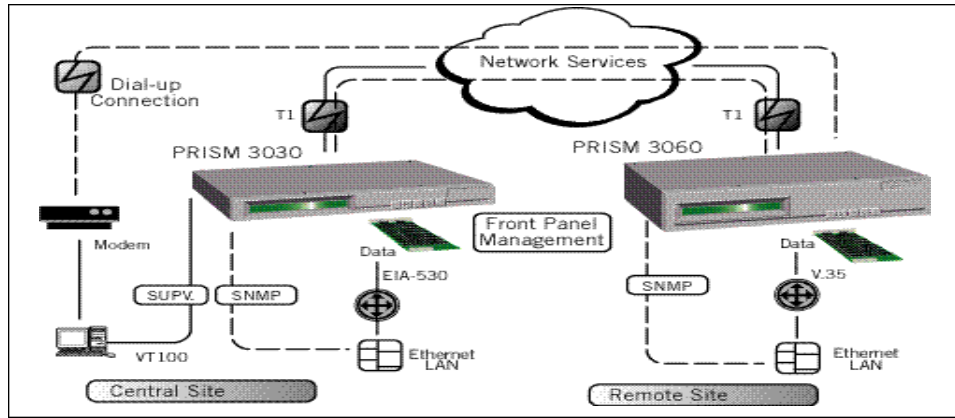
The PRISM 3030/3060 supports several methods of network management, all simple enough to avoid adding dedicated support personnel:

- Ethernet interface card with embedded SNMP/Telnet (VT100)
- LCD Menu and Keypad
- Local VT100 via supervisory port
- Remote configuration via FDL, dial-up modem or in-bank link
- Verilink 8100A Site Manager

Backed with a 5-year guarantee, the PRISM 3030/3060 allows organizations to capitalize on the efficiencies of integrating voice, data and image applications over T1 facilities.

Go to www.verilink.com or
call 866.665.1515 for more information





SPECIFICATIONS

PART NUMBER AND DESCRIPTION

- F-3030-001- - 1211:** PRISM 3030 T1 Multiplexer 110 VAC power, 423 station clock
- F-3060-001A- - 1211:** PRISM 3060 T1 Multiplexer 110 VAC power, 423 station clock
- F-3011-100- - 1120:** SNMP LAN Management plug-in card with Ethernet
- F-3011-100- - 1130:** SNMP LAN Management plug-in card with Ethernet and DSX-1
- F-3010-100- - 111:** V.35/V.35 Dual high-speed data plug-in card
- F-3010-100- - 112:** V.35/EIA-530 Dual high-speed data plug-in card
- F-3010-100- - 113:** EIA-530/EIA-530 Dual high-speed data plug-in card
- F-3010-100- - 114:** EIA-530/RS-232 High and low speed data plug-in card
- F-3010-100- - 115:** V.35/RS-232 High and low speed data plug-in card
- F-3010-100- - 116:** RS-232/RS-232 Low speed data plug-in card
- F-3010-300- - 1111:** DSX-1/DSX-1 Data plug-in card
- F-3011-100- - 1110:** Single DSX-1 Data plug-in card
- F-3010-200A- - 111:** FXS Analog plug-in card
- F-3010-200- - 112:** 4-Wire E&M Analog plug-in card, Supports Type I, II, III, TO signalling
- F-3010-200A- - 113:** FXO Analog plug-in card
- F-3010-200- - 114:** 4-Wire E&M Analog plug-in card, Supports Type I, II, III, IV, V, TO signalling

NETWORK INTERFACE

- Line Rate:** 1.544 Mbps (± 50 ppm)
- Line Framing:** D4 or ESF
- Line Code:** AMI or B8ZS
- Input Signal:** 0 to -27 dB (ALBO)
- Connection:** RJ-48C jack, 100 ohms ± 5%

- Output Signal:** 3.0 V Protection, base-peck into 100 ohms with protection
- Line Build Out:** 0, -7.5, -15, -22.5 dB Attenuation
- Transient Voltage:** 1000 V Protection, fused input/ output
- Jitter Control:** per TR 62411 and T1.403
- Timing Source:** Internal, recovered line clock, external DTE, station clock
- Ones Density:** B8ZS, Nx56 Bit stuffing, alternate fill; complies with TR 62411

ALARMS

- Activation:** Programmable thresholds
- Connection:** Call out on alarm (COA), NO/NC dry contacts, 8100A Site Manager, trap messages
- Contact Ratings:** 0.6 A at 125 VAC, 2.0 A at 30 VDC

INDUSTRY LISTINGS

- FCC Compliance:** Part 15 Subpart B, Class A, Part 68
- US Safety:** UL 1459 2nd Edition
- Canadian Safety:** CSA C22.2 No. 225-M90
- Industry Canada:** CS-03

DIAGNOSTICS

- Performance:** Monitoring per TR 54016 and T1.403
- Network Loops:** Line or Payload
- Fractional Loops:** Responds to in-band V.54 loop code
- DTE Port Loops:** Loop toward network or DTE
- BERT:** Multiple test patterns toward network or DTE

TIMING

- Network 1, Network 2, Internal, Serial 1, Serial 2

POWER REQUIREMENTS

- 110 VAC:** 0.5 A, 28 W, 95 BTU maximum
- 220 VAC:** 0.25 A, 28 W, 95 BTU maximum
- 48 VDC:** 0.583 A, 28 W, 95 BTU maximum

MECHANICAL

- Mounting:** Desktop, horizontal rack or wall mount
- Dimensions:** 3030 - 17.5 in. W, 1.75 in. H, 12.5 in. D (1 RU); 3060 - 17.5 in. W, 3.5 in. H, 12.5 in. D (2 RU)
- Weight:** 3030 - 8 lb; 3060 - 11 lb

ENVIRONMENTAL

- Operating Temperature:** 0 to 50 °C (32 to 122 °F)
- Storage Temperature:** -20 to 85 °C (-4 to 185 °F)
- Humidity:** 95% maximum, non-condensing

COMPATIBILITY

- TR 62411
- TR 41458
- TR 54016
- TR 54019A
- T1.403

WARRANTY AND SUPPORT

- Five-year warranty



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