

## Extreme SRi 3000

### PRODUCT SPECIFICATIONS

#### LAN Protocols

IP  
Ethernet  
VLAN (802.1Q)  
Link Aggregation (802.3ad)  
Virtual VLAN

#### WAN Protocols

ATM  
PPP  
PVC

#### Bridging

Store and forward

#### Encapsulations

Multi-protocol or Bridged Ethernet over ATM  
(RFC 1483)

#### Packet Forwarding

Routed  
Policy Routing

#### Routing Protocols

Static Routes

#### Address Management

DHCP Server  
DHCP Relay  
NAPT  
Network Address Translation (NAT) (RFC 1631)

#### Configuration and Management

RS-232 Command Line Interface  
VT100, SLIP, PPP, and SNMP Management Support

#### Telnet

HTTP/HTML Browser Access over dedicated 10BaseT  
End-to-End VOC Data Link Management  
Subtending

#### Diagnostics and Performance Monitoring

Performance Monitoring Per ITU-G.826 and RFC2496  
Local and Remote Loopback Diagnostics

#### Software and Configuration Upgrades

TFTP network download via LAN or WAN  
Multiple configuration files stored in flash

#### Chassis

Dimensions: Height 1.75 inches (4.4cm)  
Depth 11.5 inches (29.2cm)  
Width 19.0 inches (43.2 cm)

Rack Mounted EIA 19-inch and 23-inch Flush,  
Recessed and Mid-mount Options

24-Ports POTS (Network), 24-Ports  
VDSL/POTS (User)

Uplink Modules: 2 (1)\*

Power Options: Redundant load sharing  
distribution,  
-48 VDC (-36 to -72 VDC)

\* expandable to three

#### 24-VDSL Ports

10BaseS  
QAM line coding  
Industry Standard CHAMP-50 Connections

#### Uplink Modules

DS-3 and E3 WAN Uplink Module  
Quad T1 and E1 WAN Uplink Module  
Multi- and Single mode Optical Gigabit  
Ethernet Uplink Module  
WDM and Single-fiber Optics Available

#### DS3/E3 Module

ANSI T1.102-1993, Telcordia  
GR-499-CORE and GR-253-CORE, ITU-T G.703  
M13 and C-bit Parity Framing Formats  
B3ZS/HDB3 Line Coding

#### Quad T1/E1 Module

ANSI T1.102-1993, Telcordia  
GR-499-CORE and GR-253-CORE, ITU-T G.703  
B8ZS/HDB3 Line Coding

#### 100FX/Gigabit Module

100BASE-FX 100Mbps  
ISO/IEC 8802.3 Gigabit  
1310nm MMF with ST or SC Connectors  
1310nm SMF with ST or SC Connectors  
1550nm SMF with ST or SC Connectors

#### Operating Environment

Telcordia GR-57-Core (outdoor)  
Temperature: -40°C to +65°C  
Humidity: 10 - 95%, non-condensing

#### Regulatory Compliance

UL 1950/CSA C22.2 No. 950  
IEC 60950, IEC 60825-2  
FCC Part 15 Class A  
EN 300 386-2, AS/NZS 3548  
FCC Part 68/ CS-03  
CE  
NEBS Level 3 Design  
T1.417-2001

