# eXtreme copper

Data Sheet

# SRi2000-DSLAM-48

Hardened ADSL2/2+ Copper/Fiber Digital Subscriber Line Access Multiplexer (DSLAM)

**KEY FEATURES:**
- The SRi2000-DSLAM-48 offers a medium port count. It provides the most cost-effective initial investment solution for Traffic and Data Communications Network Service providers.
- The SRi2000-DSLAM-48 is a 24 port IP based ADSL2+ DSLAM with the POTS splitter built-in. It terminates all the ATM circuits and converts traffic directly to deliver broadband IP services for providers who want to offer high speed access services in low subscriber density locations on existing copper twisted pair telephone, traffic network, and generic copper lines.
- The SRi2000-DSLAM-48 is also backwards compatible with early versions of ADSL.
- The SRi2000-DSLAM-48 is compliant with ITU G.992.5, G.992.3, G.992.1. The G.992.5 ADSL2+ technology is an enhanced version of ADSL technology which provides cross-talk free deployment.

**SPECIFICATIONS:**
- Supports ANSI T1.413 Issue 2, ITU G.992.5, G.992.3, G.992.1 (G.dmt), ITU-T G.992.2 (G.lite)
- 1 10/100/1000 BASE-FX or TX port, half/full duplex with auto-negotiation
- 48 ADSL2/2+ Ports
- Supports Annex M
- Supports 802.1P, STP
- Supports 802.1Q
- Multimode (automatic modulation detection)
- Supports packet transmit and receive statistics report
- Supports NAT
- Supports DHCP server
- Supports DHCP relay
- Supports multiple PVC QoS, up to 8 PVC per port
- Provides optimal rate/reach performance
- Higher rates (up to 24.0 Mbps)
- Longer reach (up to 6.5 Km, 4 mi)
- Bandwidth management control on each port at 32kbps intervals

**NETWORK CONFIGURATION MODES:**
- Gateway
- Router
- Bridge

**MANAGEMENT:**
- Web based management
- SNMP-based GUI EMS
- Local RS-232 CLI
- Remote in-band SNMP/TELNET management
- Firmware upgradeable via web, FTP or TFTP

## HARDWARE CONFIGURATION:
- 1 RJ45 for Uplink and Cascade
- 2 TELCO-50 connectors for 48-port ADSL/ADSL2/ADSL2+; 2 TELCO-50 connectors for phone lines
- 1 DB9 male (Null Modem) for Local Management

## PHYSICAL SPECIFICATIONS:
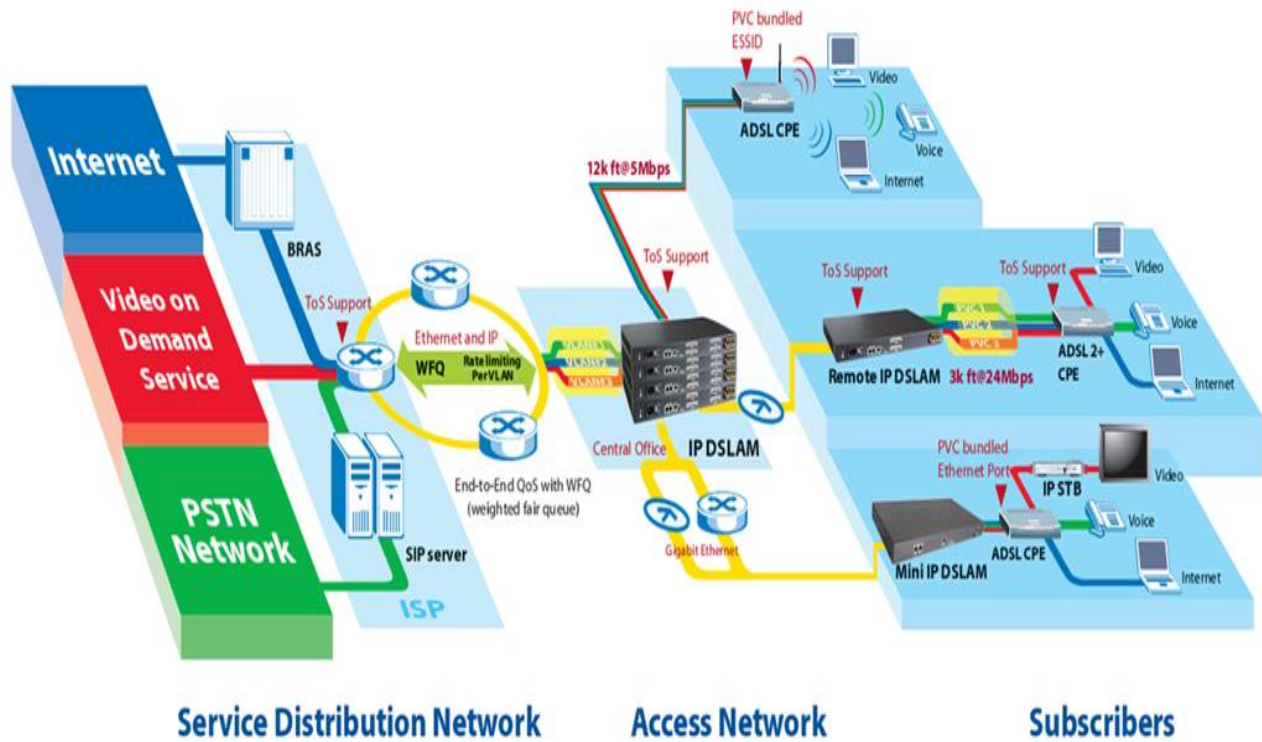- Dimensions: 440mm/17.3in(W) x 325mm/12.8in(D) x 44.5mm/1.75in(H)
- Weight: 6.1Kg/13.4lb

## INPUT POWER:
- AC Power Model: 90VAC ~ 260 VAC, 50-60 Hz
- DC Power Model: -40VDC ~ -60 VDC
- Power Consumption: 90 watts

## OPERATION PARAMETERS:
- Operating Temperature: -40 to 74°C
- Storage Temperature: -40~+80°C
- Operating Humidity: 5% to 95% non-condensing
- Operating Altitude: -200ft. to +15,000ft
- Reliability: MTBF 140,000hrs minimum

**Specifications are subject to change without notice.**

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