DSLAM5008 is a 8ports IP based ADSL2+ DSLAM with splitter built-in. It terminates all the ATM circuits and converts traffic directly to deliver the most popular broadband IP services.

DSLAM5008 offers lower port count DSLAM available in the market place. It provides the least initial investment solution for Service Providers who want to start providing high speed internet access service in a low subscriber density location on existing copper twisted pair telephone lines.

Sino-Telecom's IP DSLAM technology is also backwards compatible with early version of ADSL. **DSLAM5008** is compliant with ITU G.992.5, G.992.3, G.992.1, the G.992.5 ADSL2+ technology is an enhanced version of the ADSL technology which provides cross-talk free deployment. The unit features maximum downstream rate up to 24 Mbps and maximum reach distance over 6.5 Km.

With the highly compact (1U height) and temperature-hardened design, simple installation and easy adaptation to local POTS/ISDN splitter requirements, **DSLAM5008** is an ideal solution for Triple-play requirements deployed in indoor and outdoor enclosures.

8 ports ADSL2+ mini IP DSLAM

Features:

- 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)
- One 10/100 BASE-TX ports for uplink with auto-negotiating
- 8 ADSL2+ Ports
- Support Annex M
- Support 802.1P, STP
- Support 802.1Q
- Multimode (automatic modulation detection)
- Supports packets transmit and receive statistics report
- Support NAT
- Support DHCP server
- Support DHCP relay
- Support multiple PVC QoS, up to 8 PVC per port
- Provides optimal rate/reach performance
- Higher rates by limiting reach (up to 24.0 Mbps)
- Longer reach by reducing rate (distance up to 6.5 Km)
- Bandwidth Management control on each port at 32kbps interval.

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
- 1 TELCO-36 connectors (including 16pairs phone line) link to PSTN (8pairs) and ADSL2+ users(8pairs)
- 1 DB9 male (Null Modem) for Local Management

Specification subject to change without notice.

Physical Specification

- Dimensions: 440mm(W) x 224mm(D)in x 44.5mm(H)
- Weight: 4.5Kg

Input Power

- AC Power Model: 90VAC ~ 260 VAC, 50-60 Hz
- DC Power Model: -40VDC ~ -60 VDC
- Power Consumption: 20 watts

Operation Parameters

- Operating Temperature: -10 to 65°C
- Storage Temperature: -40~+80°C
- Operating Humidity: 5% to 95% non-condensing
- Operating Altitude: -200ft.to +15,000ft
- Reliability: MTBF 140,000 hrs minimum

Applications: