

24-port ADSL2+ Mini DSLAM (Model AN 4824)



Product Brief

This 24 port mini DSLAM requires minimum initial investment, which is an excellent solution for Internet Service Providers who need to provide Broadband service in a low subscriber density area. It features maximum downstream rate up to 24 Mbps, and maximum reach distance over 7.0 Km. Our DSLAM series is most suitable to be used on existing copper twisted pair telephone lines to provide high speed Internet access.

This 24-ports interface module is compliant with ITU AnnexA, G.992.5, G.992.3, G.992.1, and features the multiple Link Status LED indicators in front panel. When LED turns steady green that means the line connection is valid and operational. Our ADSL2+ technology is also backward compatible with early version of ADSL. This ADSL2+ technology is an enhanced version of the ADSL technology, which provides cross-talk free deployment. The ADSL2+ Mini DSLAM is ideal solution for Triple-play requirements.

Features

- ✓ 24 ADSL2+ Ports
- ✓ Supports ANSI T1.413 Issue 2, ITU AnnexA, G.992.5, G.992.3, G.992.1(G.dmt),G.992.2 (G.lite)
- ✓ Multimode (automatic modulation detection)
- ✓ Supports packets transmit and receive statistics report.
- ✓ Provides optimal rate/reach performance
- ✓ Higher rates by limiting reach (up to 24.0 Mbps)
- ✓ Longer reach by reducing rate (distance up to 6.3 Km)

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- ✓ Bandwidth Management control on each port at 32kbps interval
- ✓ Built-in Data/Voice Splitter
- ✓ Network Configuration Modes
 - Gateway
 - Router (software upgradeable)

Technical Specifications

Physical		System	
Dimensions	17.3 (L)in x 10.375(W)in x 1.75(H)in	Power Supply	85 to 265 VAC
Weight	2 lbs	Temperature	0°C to 50°C (Operating)
		Range	10°C to 85°C (Storage)
		Humidity	5% to 95% non-condensing

ADSL2+ Line Card Overview:

The ADSL2+ Line Card interface module provides **Maximum Downstream Rate up to 24 Mbps and Maximum Reach Distance over 6.5 Km.** It is most suitable for local ISPs to use existing copper twisted pair telephone lines to provide high speed Internet access.



This 24-port interface module is ITU G.ADSL2+ (G.992.5), AnnexM, G.992.3, G.span Standard ADSL II 992.2, 992.1, hot swappable and features the LED indicators in front of the Line Card panel. Link status LED indicates each connection status. When LED turns green means the line connection is valid and operational. Versa Technology's ADSL2 / 2+ Line Card is also backwards compatible with early version of ADSL and it is enhanced version of the ADSL2 improvement technology with the cross-talk free features.

Link status LED indicates each connection status. When LED turns green means the line connection is valid and operational. Versa Technology's ADSL2 / 2+ Line Card is also backwards compatible with early version of ADSL and it is enhanced version of the ADSL2 improvement technology with the cross-talk free features.

System & Management Features:

- ✓ 10/100 BASE-TX ports for uplink and downlink, with autonegotiating
- ✓ and automatic MDI/MDIX (Flat and cross cable Auto cross-over)
- ✓ Support Mixed voice-data networks
- ✓ Special power saving mode for inactive ports
- ✓ Each port can be individually enabled or disabled with management card installed
- ✓ TFTP
- ✓ BOOTP Client, Boot Server
- ✓ IEEE 802.1 P/Q

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- ✓ Support IGMP Snooping
- ✓ Support multiple PVC QoS configuration

ATM Support

- ✓ ATM Signaling UNI 3.1 & 4.0
- ✓ PPP (RFC 2364) over ATM
- ✓ RFC 1483
- ✓ RFC 1577 (IP over ATM)
- ✓ AAL0, AAL2, AAL5
- ✓ ATM Service Class: UBR/VBR/CBR
- ✓ 32 VCs

Interface

- 1 RJ45 for Uplink
- 1 RJ21 for Phone Line Connection
- 1 DB9 male (Null Modem) for Local Management

Application



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