

IP DSL Access Multiplexer 4000

IPD4000

The IP DSLAM for Central Office/ Remote Office or MDU deployments

Overview

Net to Net Technologies' IP DSL Access Multiplexer is the industry's first native IP packet-based DSLAM, supporting the best of today's leading edge access technologies. The IPD4000 is engineered for efficient, high-speed IP data transport in a compact, fully fault-tolerant chassis—making it ideal for small to mid sized deployments.

Supporting DSL, T1/E1, and DS3/E3 access technologies, the IPD4000 is the optimal line aggregation platform for today's advanced IP-based access networks. CLECs, ILECs, and IP Network Service Providers are able to cost effectively offer high-speed broadband Internet, Virtual Private Network, and Remote LAN services.



IPD4000
IP DSL Access Multiplexer

Features

Utilizes Net to Net's IPacket™ Architecture

AutoIP™ for plug-and-play configuration and operation

4 Access Modules provide up to 48 DSL or T1/E1 lines

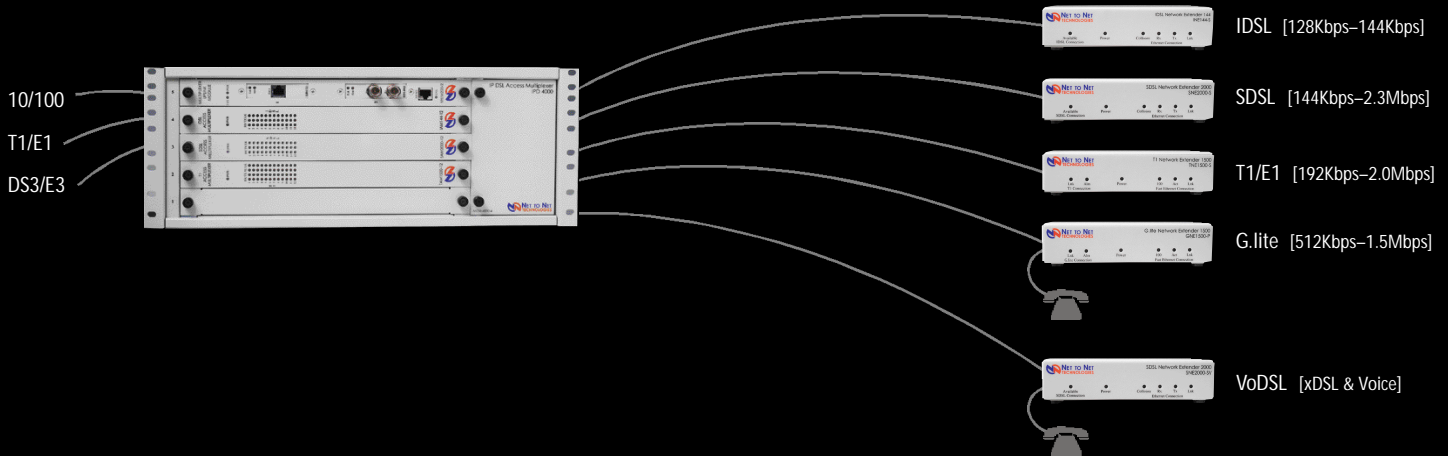
Redundant 10/100, T1/E1, or DS3/E3 Uplink Interface Modules

Redundant -48V DC or AC Power

Compact NEBS compliant chassis is only 4 Rack Units high and mounts in 19" or 23" equipment racks

Embedded web-based management system for easy, platform-independent management





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Specifications

Dimensions:

7" (4 Rack Units) High x 17" Wide x 18" Deep

Weight (chassis only):

28 lbs (12.73 kg)

Power:

AC—Requires External AC to -48 Volt DC Power Converter
 DC—Dual -48 Volt DC Terminal Blocks
 10 A maximum; 5.5 A typical*

*actual power consumption dependent upon chassis configuration

Slots: 5 slot chassis; 4 Access Module slots, 1

Uplink Module slot

Regulatory Compliance:

NEBS: Level 3
 EMC: FCC Part 15 Class A; CSA/C108.8; CE
 Safety: UL1950
 CSA C22.2 No. 950; CE

Operating Requirements:

Temperature: 32°F to 122°F (0°C to 50°C)
 Non operating temperature: -40°F to 158°F (-40°C to 70°C)
 Humidity: 5% to 95%, non-condensing
 Altitude: -60m to 5,000m (-200ft to 16,500ft)

IPacket™ Technology—

Extending the ease of use and reliability of Ethernet onto the service network results in an easy-to-deploy network that is optimized for IP services. By eliminating the complexity of ATM and Frame Relay from this portion of the network, administration and configuration costs are greatly reduced. In addition, more bandwidth is useable for data transport, regaining up to 20% of bandwidth that is previously lost to transport overhead.

AutoIP™ Architecture—

The AutoIP Architecture provides the easiest-to-deploy DSL solution on the market, delivering IDSL, SDSL, ADSL, and T1/E1 rapidly and with lower provisioning costs. Includes AutoSync line provisioning, AutoConfig configuration management, AutoRestore backup/recovery services, and AutoFilter traffic management. Together, these services deliver IP broadband services simply and easily.