

# 4 Slot Ethernet Based IP DSL Access Multiplexer 12000

**Ethernet-based IP DSLAM for Central Office/  
Remote Office or MDU/Campus deployments**



## IPD4000

The 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 ADSL, ADSL Loop Bonding, SDSL, SHDSL Loop Bonding, T1/E1, and DS3/E3 access technologies, the IPD4000 is the optimal line aggregation platform for today's advanced IP-based access networks.

To allow maximum flexibility of network design backhaul connections through the MUM can be single or redundant, modular options available include E1/T1, bonded E1/T1, E3/DS-3, 10/100 Ethernet, Gigabit Ethernet copper and fibre.

This modular chassis allows CLECs/Competitive Operators, ILECs/Incumbents, and IP Network Service Providers to cost effectively offer high-speed broadband Internet, Virtual Private Network, and Remote LAN services.



**IPD4000**

## IPD4000 Features

Utilizes Net to Net's DSL The Easy Way™ Packet based Architecture

DSL The Easy Way™ for plug-and-play configuration and operation

4 Access Modules provide up to 96 DSL or T1/E1 lines

Redundant 10/100, GigE, 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 or CLI, TFTP and SNMP Management

Hot swappable modules

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# IPD4000 Specifications

## Dimensions

7" (17.8cm)(4 Rack Units) High x 17" (43.2cm)  
Wide x 18" (46cm) Deep

## Weight

28 lbs (12.73 kg) (chassis only)

## 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

## Interfaces

5 slot chassis:

- 4 Access Module slots
- 1 Multiplexer Uplink Module slot

## Standards Support

802.1Q VLANs  
802.1p Tagging  
802.3 Ethernet

## Protocol Support

SNMP

## Regulatory Compliance

NEBS: GR-63-CORE, GR-1089-CORE

EMC: FCC Part 15; CSA/C108.8; EN55022;  
EN55024

CE Marking

Safety: UL1950, CSA C22.2 No. 950; EN60950  
CE Marking

## Operating Requirements

Temperature: -40°F to 149°F (-40°C to 65°C)

Non-operating temperature: -40°F to 158°F  
(-40°C to 70°C)

Humidity: 5% to 95%, non-condensing

Altitude: -200ft to 16,600ft (-60m to 5,000m)

## Ordering Information

IPD4000

4 Slot Ethernet-based IP DSL Access Multiplexer

Specifications subject to change. All registered trademarks are property of the manufacturer

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## CONTRACT INFORMATION

GSA Schedule # : GS-35F-4803G  
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