

GigaMux 1608

WDM OPTICAL TRANSPORT

PRODUCT HIGHLIGHTS

- Flexible optical solution delivers complete range of services
- Protocol and bandwidth independent
- Remotely-provisionable multi-rate ports
- Redundant and scalable
- SNMP and browser-based GUI network management
- Single wavelength and WDM links supported
- Instant, automatic provisioning for remote sites

The GigaMux 1608 Optical Transport Solution

An advanced DWDM/CWDM that offers optical transport from customer premises to regional backbone networks

MAKING OPTICAL NETWORKS SIMPLE



The GigaMux 1608 is designed to free carriers from restrictive transport technologies and provide system flexibility to accommodate changing end-user demands. A protocol-independent design allows the GigaMux 1608 to transport and extend the traffic of layer 1/2/3 Ethernet SONET/SDH, and SANs simultaneously and in their native format. By Supporting each traffic type natively, the network can grow and evolve based on traffic requirements.

The GigaMux 1608 offers:

- A bandwidth protocol independent platform supporting Gigabit Ethernet, Fibre Channel, and metro access traffic types
- Support for Point-to-Point, Add Drop, and Ring/Mesh topologies
- 80 Channel wavelength support
- Simultaneous CWDM and DWDM in a single shelf
- 2.5G and 10G support

MULTIPLE SOLUTIONS IN ONE PLATFORM

Designed for use at either a POP or a customer premise location, Sorrento's GigaMux 1608 provides an intelligent and flexible connection between Enterprise applications, including storage area networks and high-speed network services, and the network service provider. The GigaMux 1608 product family, bridges the gap between carrier and end users with bandwidth and protocol technology.

TECHNICAL SPECIFICATION

NETWORK TOPOLOGY

- Point to Point
- Linear Add/Drop
- Ring

INTERFACES

Line-side type:

- DWDM with 50/100 GHz spacing
- Tunable and fixed XFP-based support
- Up to 80 wavelengths in C-Band
- CWDM with 16 channel spacing
- FEC
- Automatic Protection Switching (APS)
- UPSR
- Automatic Power Shut Down (APSD)
- Line Loopback
- Line performance monitoring

Client side type:

- SFP-based LC/UPC connectors on pluggable optics
- 1, 2, 2.5, 4, 8, and 10 Gbit/s line rates
- Client loopback
- Client performance monitoring

SERVICES

- Ethernet 10/100 Mbit/s, 1 and 10 Gbit/s
- ESCON/FICON
- Fibre Channel 1, 2, 4, 8, and 10 Gbit/s
- Infiniband
- SONET OC-3/12/48/192
- SDH STM-1/4/16/64
- DS1/E1

MANAGEMENT

- CLI, WaveBrowser and ZMS
- IMN (MPM to MPM)
- SNMP v2

OPERATING REQUIREMENTS

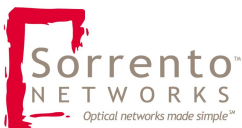
- Hot Swappable: Yes
- Operating Temperature 5-40° C
- Short Term Operating Temp -5-55° C
- Storage Temperature -40-75° C
- Operating Humidity 5% to 85%
- Short Term Humidity 5% to 90%

REGULATORY

- CE, FCC, and UL
- NEBS Level3 Compliant
- IEC 60950
- VCCI
- ETSI

DIMENSIONS

- 17.5" (W) x 3.5" (H) x 12" (D)
- 445 mm (W) x 90 mm (H) x 305 mm (D)



Sorrento Networks
9137 East Mineral Circle
Suite 340
Centennial, CO 80112

Sorrento Networks is a global provider of metro optical access solutions, offering an edge-to-regional CWDM, DWDM and ROADM product portfolio to carriers and enterprises. Sorrento Networks' GigaMux optical transport products efficiently add bandwidth to clients' networks, and transport mission-critical services and applications across the network infrastructure. The company is headquartered in Denver, Colo., with offices in Fremont, Calif. and Stuttgart, Germany. For more information, visit www.sorrentonet.com. Sorrento, the Sorrento Networks logos and all other Sorrento Networks product or service names are trademarks or registered trademarks of Sorrento Networks, Inc. All other trademarks are property of their respective owners. Copyright 2008 Sorrento Networks. All rights reserved.