

## LambdaDriver® 8x1GE Muxponder Module with XFP trunk (TM-GM8XFP)



TM-GM8XFP

### Features

- 10 Gbps trunk port rate
- Flexible connectivity options
- Link Integrity Notification (LIN) support
- Remotely activated Local or Remote LoopBack
- SFP/XFP Digital Diagnostics monitoring
- Hot swappable
- 2 slots wide – can be used on all LD chassis

### Applications

- Point-to-Point interconnection of up to 8 LANs
- 8 Independent 1GE services over one DWDM wavelength

### Overview

The LambdaDriver TM-GM8XFP Muxponders use advanced TDM technology to transport 8 separate Gigabit Ethernet data streams into a 10 Gbps XFP-based trunk port.

This solution provides significant cost reduction and excellent fiber utilization when compared to discrete optical multiplexing.

The TM-GM8XFP incorporates 8 SFP-based access interfaces that can accommodate various types of SFP, e.g. Multimode Singlemode and MRV SFP-GA-R/SFP-GC-R copper SFP's.

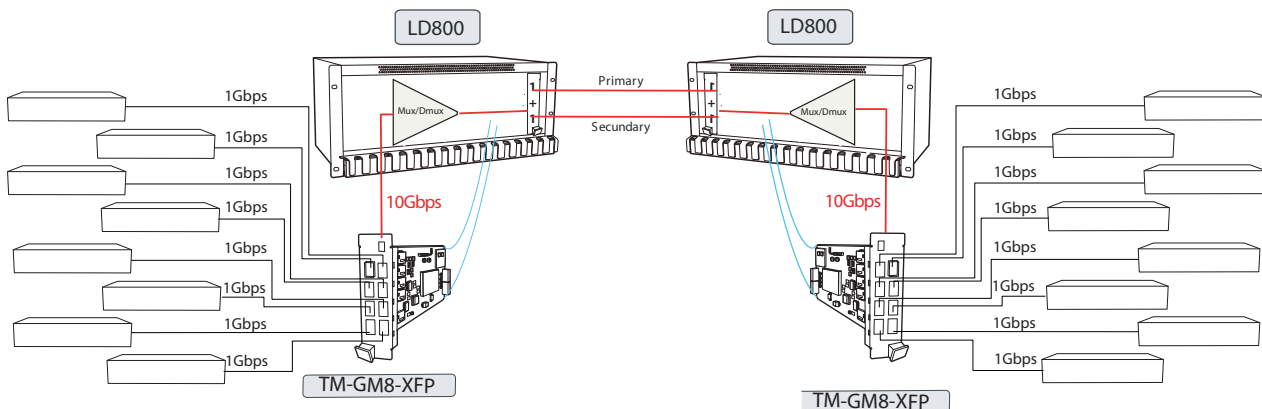
The trunk port is an XFP 10Gbps permitting flexible connectivity options between the muxponders either in a WDM system or directly between two modules.

For each 1GE access port the following statistics are available:

- In/Out Bit Rate
- In/Out Packet counter
- In /Out Bytes counter
- Code Violation counter
- CRC errors counter

Link Integrity Notification (LIN) functionality and FEF (Far-End Fault) is supported by the TM-GM8XFP module when F/O SFPs are used. The LIN must be disabled when using copper SFP's. These modes of operation are user selectable.

The modules are manageable with the LambdaDriver management module either locally by RS-232 CLI access or remotely by Telnet, SNMP, or GUI management using the MRV MegaVision Pro management platform.





### Environmental Specifications

<b>Operating Temperature</b>	-5°C to 45°C (23°F to 113°F)
<b>Storage Temperature</b>	-10°C to 70°C (14°F to 158°F)
<b>Relative Humidity</b>	85% maximum, non-condensing
<b>Dimensions (W x H x D)</b>	54.18 x 130.7 x 227mm (2.13 x 5.145 x 8.956 In)
<b>Weight</b>	0.650Kg (1.43lb)
<b>Connectors</b>	8 x SFP & 1x XFP receptacles
<b>Power Consumption</b>	Module: 11.5W      SFP: 1W      XFP: 3.5W

### Technical Specifications

<b>Access Data Rate</b>	1 GE
<b>Trunk Data Rate</b>	10GE
<b>Optical parameters</b>	Per SFP/XFP

### Order Info

TM-GM8XFP      8 x GE (SFP) TDM module with XFP line port

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