ML100D

6-RU Video/Data Mux
Universal Managed Chassis

Overview

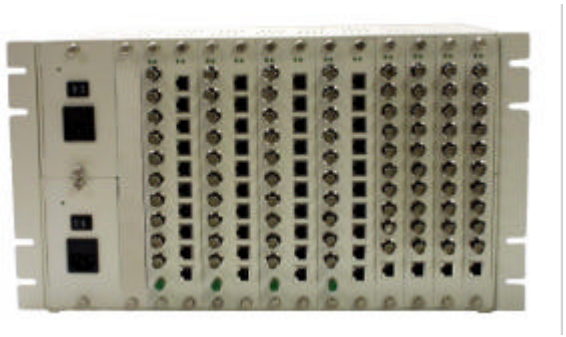
The ML100D chassis provides a universal platform that facilitates and provides management functions for our fiber optic fault tolerant self-healing digital uncompressed video and bi-directional data multiplexer modules, fiber optic digital uncompressed video/data transmitter and receiver multiplexer modules, high speed optical multiplexer and de-multiplexer modules.

The ML100D chassis accommodates up to ***12 hot-swappable modules*** with single or redundant AC or DC power supplies. The chassis also provides a common back plane interface for these Fault Tolerant Self-Healing Video/Data multiplexer modules, or others interface modules and thereby interconnecting each module to the NMS status-monitoring interface.

The ML105D monitor card provides two NMS ports for connecting to the NMS-PC and additionally connecting other ML100D chassis's monitoring functions together. With the ML105D NMS module in place, linking of multiple ML100D NMS "***Virtual Back plane***" or chassis in one network is accomplished through the NMS protocol imbedded in the NMS module and products. This network is functionally operational "Online" anytime, and transparent to any real network data.

The ML100D chassis provides visual LED indicators for individual module status, and chassis power supplies conditions. It also provides an audio alarm for individual optical link failure and/or system power supply failure (redundant power supply system only). An alarm push-button cut off is also provided for disabling the audio alarm.

This platform provides a fully integrated and functional system that is managed through our NMS GUI interface and NMS software package delivered with the purchase of equipment.



Features

- *12 Module Slots Chassis*
- *2 Power Supply slots with AC and/or DC*
- *Individual module status LED indicators*
- *Audio Alarm with Alarm Cut-Off*
- *Multiple Chasses Connectivity*
- *Supervisory and Management with (GUI) NMS*

Applications

- *ITS Traffic Applications*
- *Long Distance CCTV/PTZ*
- *Utility System*
- *Military Applications*
- *Premise Networks*
- *Telecommunication Networks*
- *Local Area Networks*
- *Data Communication Networks*
- *SCADA Network Monitor*

Ordering Information:

Model	**Description**
ML100DP1	Universal Managed Chassis with One AC Power Supply
ML100DP2	Universal Managed Chassis with One AC and one 48 VDC Power Supplies
ML100D	12 Module slots Plus 2 Power Supply Slots Universal Chassis
ML100DPSAC	90-240 VAC Power Supply Module
ML100DPSDC48	48 VDC Power Supply Module
ML105D	Network Monitoring System Module (NMS)

ML100D Specifications

System:

Management	NMS (GUI)
Visual Alarm	LEDs
Audio Alarm	Optics, Power supply
Alarm Cut-Off	Push Button
NMS interface	RS-232 Ports (two)
NMS Connectors	RJ12

Power:

AC	90-240 VAC / 47-63 Hz
DC	-24 VDC, -48 VDC

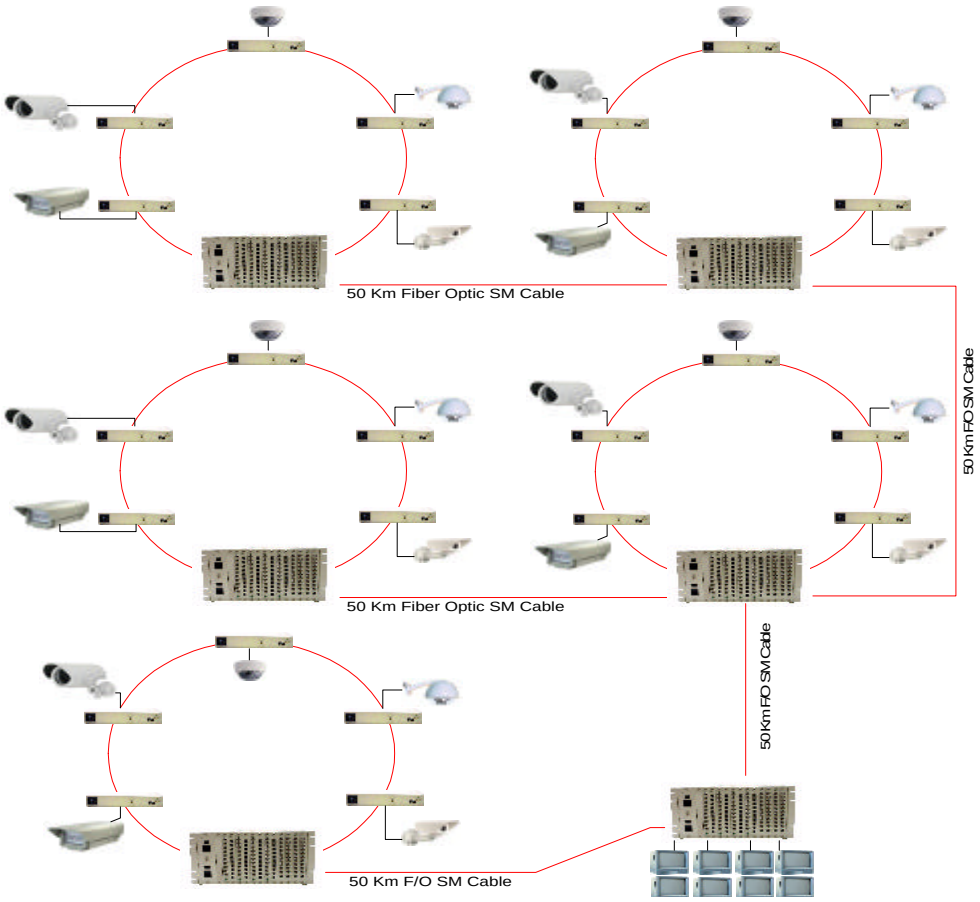
Environment:

Operating	-34^0C to 74^0 C
Storage	-40^0C to 95^0 C
Humidity	95% Non-Condensing

Physical:

Dimensions	19” x 10.5” x 10.5”
Weight	30 lbs.

Example Applications



Typical ML100D application

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