

# OMNISTAR® GX2

## GX2-CM100B

### Control Module



The GX2-CM100B control module supervises all the application modules and power supplies within the housing while also serving as the communication gateway between the modules and the various user interfaces. Three tri-colored LEDs are located on the front panel of the module: one indicates the worst-case status for all application modules and the other two indicate the status of the power supplies. The front panel Ethernet port allows local control and monitoring of all modules through a Web browser-style interface on a PC. The rear Ethernet port can be used for SNMP communications with a network management system.

Although the application modules can operate without it, the control module is necessary to setup and monitor modules through either the display option on the shelf door or the Web browser-style interface. The control module also enables some of the advanced OmniStar GX2 features such as Quick-Swap Module Configuration and downloadable firmware.

*The Control Module is the nucleus of the intelligent OmniStar GX2 optical broadband transmission platform.*

#### **BENEFITS INCLUDE:**

- Power PC technology provided by Motorola for enhanced intelligence
- Internal subagent allows communication with SNMP and requires no proprietary software
- Provides Quick-Swap capabilities where replacement modules are recognized and updated with the prestored settings
- Downloadable firmware
- Two Ethernet ports for communication with local PC and standard network management system
- Hot-swappable with blind-mating to OmniStar GX2 Housing
- Contact closure relay for external alarm capability



## SPECIFICATIONS

### Communications Interface

Local Ethernet Port (front panel)

Data Format	SNMP
Data Rate	10Mbit/s (10BaseT Ethernet)
Connector	RJ-45

Network Management Port (rear panel)

Data Format	SNMP
Data Rate	10Mbit/s (10BaseT Ethernet)
Connector	RJ-45

Shelf Display Unit Connector

Mini-DIN

Alarm Relay

Contact Closure, 250mA/40 Vac or Vdc Max

### General

Power Consumption	5 Watts Max.
Operating Temperature Range	-20° C to +65° C (-4° F to 149° F)
Storage Temperature Range	-40° C to 80° C (-40° F to 176° F)
Dimensions	1" W x 5.9" H x 15" D (2.5 cm x 15 cm x 38 cm)
Weight	2.0 lbs. (1 kg)
Mounting	GX2-HSG* Equipment Shelf

### Control Module

Model Number	Description
GX2-CM100B	(Control Module)

For more technical information regarding the latest in optical broadband transmission technology from Motorola, refer to the OmniStar GX2 data sheets.

