

*****ANNOUNCING *****
PX-2300
SELF-HEALING RING DATA MODEM
(with SpectraSmart Network Diagnostics)
From
**** Meridian Technologies ****
-- A Technology Revolution – not Evolution --

The PX-2300 series products represent the state-of-the-art in fiber optic data modems for multi-drop string and self-healing ring fiber optic network configurations. These modems transmit/receive user-selectable RS-232, RS-422 and RS-485 data protocols. Features & applications include:

Ideal for Traffic Control systems
Access Control
Multiprotocol Data Formats
On-board, Real-time network diagnostics
LCD display for network operational status
Dual power supply inputs
Local & Remote loop-back testing capabilities
SpectraSmart displays network operation on local Computer
Available in Shelf & Rack mount units

The heart of the PX-2300 is its on-board SpectraSmarttm network management system. Meridian's SpectraSmart NMS continuously monitors the integrity of the fiber ring or string and the associated fiber modems. In the event that the fiber is compromised or a modem has had a service interruption, each of the modems will display the location of the fiber break or identify the modem's location and report in on each modem's built-in LCD display. In addition, an external computer can be connected to the master modem and a GUI network diagram complete with modem location and fiber identification is displayed. Using the internal local and remote loop-back features, the entire fiber network can be tested without any external equipment connected. These diagnostic features are invaluable to system installers and integrators resulting in faster integration and test time – saving time and money.

Meridian's PX-2300M shelf mount modems are housed in attractive modules with a 16x2 line alpha-numeric LCD display. The PX-2300R module is housed in Meridian's standard two-slot module frame. Both multimode and singlemode versions are available.



The PX-2300 series products represent a revolutionary, not evolutionary advancement in fiber optic data transmission equipment.

These modems are packed with exceptional features making them the most functional and versatile multidrop data modem on the market.

For additional information & pricing on this new product family, contact Meridian directly at 516-285-1000 or your local Meridian representative. You can also find out more about these and all of the other Meridian fiber optic products by visiting our website at www.meridian-tech.com