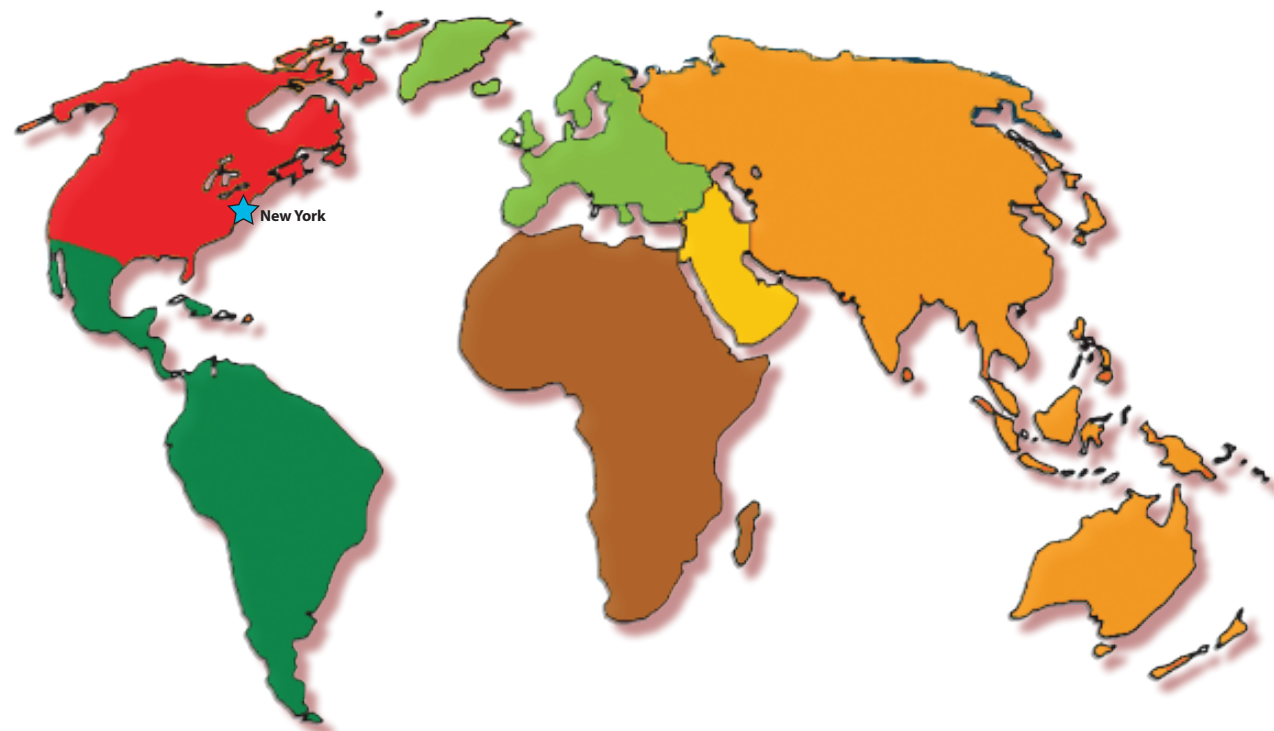




Meridian Technologies - Your Global Partner



**DigiNet** | Ethernet Product Line

## HARDENED MANAGED ETHERNET SWITCHES

Hardened 8-port managed Gigabit Ethernet switch w/4 port 10/100/1000TX (RJ45) & 4 port 10/(100/1000 SFP)/RJ45 Combo Ports

Meridian's MS8GT4GX4 a managed redundant ring Ethernet switch with 4x10/100/1000Base-T(X) and 4xGigabit Combo ports. The SFP ports will accommodate 100/1000 SFP devices for either multimode or singlemode fiber, making it one of the more versatile switches available. Redundant power inputs provide additional network reliability. Meridian's SpectraVISION, a windows utility program allows you to monitor the performance status of each switch in real time. With its industrial-rated temperature range of -40 to +75°C, this switch will provide years of reliable performance in the most extreme environments.



### DigiNet Features

Meridian's DigiNET products are part of our expanding line of fiber communications devices to provide a full complement of products to consultants, integrators, dealers and end users. The key features of this DigiNET product line include the following:

- -40 to +70°C operating temperature
- Either dual or triple power supply redundancy for exceptional network reliability
- 5 year warranty
- High power (30Watt) POE on select switches
- Managed switches with SpectraVISION management software

### Meridian's SpectraVISION Network Management Software (Optional)

SpectraVision, a Windows utility, offers the user a convenient way to manage and monitor all of our switches on the network from one location. A variety of product and network parameters can be easily monitored using SpectraVision including voltages, currents, temperatures, operational settings, etc.

On screen displays show the network configuration as well as a variety of screens highlighting the network's and product information and performance.

Hardened 10-port managed Ethernet switch W/7 port 10/100TX (RJ45) + 3 port 10/(100/1000 SFP)/RJ45 Combo ports

The MS10FT7GX3 managed Ethernet switch is perfectly suited for Redundant Ring applications with an additional fiber SFP expansion port for switch interconnectivity. This switch has 7x10/100Base-T(X) and 3xGigabit combo ports for high-speed communications around the managed ring. All functions of the MS10FT7GX3 can be managed by a powerful windows utility — SpectraVISION. In addition, with its wide operating temperature range from -40 to 75°C, this switch will operate even in the most severe environments. This switch is one of the most sought-after choices for highly-managed Fiber Ethernet applications.



Hardened 10-port managed Ethernet switch W/8-port 10/100TX (RJ45) (PoE 15.4W) + 2-port 10/(100/1000 SFP)/RJ45 Combo ports

The MS10FT8GX2POE is a managed redundant ring Ethernet switch with 8x10/100Base-T(X) ports with PoE (P.S.E.) function and 2xGigabit combo ports. With complete support of Ethernet redundancy protocol, these switches will protect your mission-critical applications from network interruptions with its fast recovery technology. The MS10FT8GX2POE also supports Power over Ethernet. Each MS10FT8GX-2POE switch has 8X10/100Base-T(X) P.S.E. (Power Sourcing Equipment) ports. MS10FT8GX2POE supports the DDM (Digital Diagnostic Monitoring) function, which can monitor the status of electronic voltage, current and temperature in real time. All functions of MS10FT8GX2POE switch can be managed by a powerful windows utility — SpectraVision. In addition, with the wide operating temperature range from -40 to 75°C this switch will perform flawlessly in the most extreme environments. This switch is one of the most reliable choices for highly-managed and Fiber Ethernet applications with PoE functionality.



## HARDENED UNMANAGED ETHERNET SWITCHES, MEDIA CONVERTERS & ACCESSORIES

Multi-port Electrical Switches (US5FT5, US8GT8 & US8GT8POEH w/POE+)

These all-electrical, unmanaged switches offer rugged, high-reliability performance at an economical price. The US5FT5 offers 5 ports of 10/100 Base T(X) ports. The US8GT8 provides 10/100/1000 Base T(X) connectivity with PoE+ (30 watts) at each of its eight ports while the US8GT8POEH has 8 POE+ ports of 10/100/1000 Base T(X) for unparalleled versatility and performance. The rugged IP-30 housing design and wide operating temperature range (-40 to +70°C) enables these switches to operate in even the most extreme environments



Media Converters (Hardened) w/ Fault Pass-through (MC2FT1FX1SFP-M & MC2GT1GX1SFP-M)

As with all of the Meridian Ethernet products, these media converters support auto-negotiation and auto MDI/MDI-X for fast and reliable connectivity. Both offer optical SFP ports to easily interface to your optical network. The MC2FT1FX1SFP-M supports 10/100 Base T(X) with Link Fault detection and pass-through to alert the network of node failures. The MC2GT1GX1SFP-M supports 10/100/1000 Base T(X) and has an integral relay output for alarm notification. The rugged IP-30 housing design and wide operating temperature range (-40 to +70°C) enables these media converters to operate in extreme environments.



### Power Supplies

Meridian offers a selection of power supplies for each of the DigiNet products. Power supplies are available for standard switches and media converters. Our high power line of power supplies are ideally suited for the DigiNET POE & POE+ switches.

Multi-port Switches w/ Optical SFP (US5GT4GX1 & US10FT8GX2)

These versatile, unmanaged switches offer rugged, high-reliability performance at an economical price. The US5GT4GX1 offers four ports of 10/100/1000 Base T(X) ports and one 1000 Base (X) SFP port. The US10FT8GX2 provides 8 ports of 10/100 Base T(X) connectivity and two 1000 Base (X) SFP ports. These SFP optical ports allow for various fiber & wavelength types for complete infrastructure compatibility and flexibility. The rugged IP-30 housing design and wide operating temperature range (-40 to +70°C) enables these switches to operate in even most extreme environments



Media Converters with ST/FC Optical Connectors (SX and MX Series)

Meridian also offers a line of 10/100 media converters with the more traditional ST & FC optical connectors. These are available in a wide variety of optical options including multimode, singlemode, one or two fibers and CWDM wavelengths giving you a large selection from which to choose. These media converters are available in shelf mount modules as well as rack cards compatible with Meridian's standard chassis systems.



### Small-Form Pluggable (SFP) Optical Devices

Meridian offers a comprehensive line of SFP optical devices our DigiNET products. These enable you to easily configure your product for the specific fiber type and application. They are available for multimode & singlemode fiber for which you can specify operating distances from 500 meters up to 60km. One and two fiber versions are available using SC and LC optical connectors.

