



SpectraSmart™ - The Real-Time Diagnostic System

SpectraSmart combines the easy-use of a graphical user interface with real-time monitoring and diagnostic tools. By continuously monitoring the signals from cameras, modems, interconnects, and other key equipment, SpectraSmart gives real-time identification of faults and out-of-tolerance conditions. Visual and audible alarms alert security personnel of any fault condition, their probable cause and suggested corrective actions.

Save Time and Money – SpectraSmart can reduce the time and costs of installing, commissioning, and maintaining your system. System installation is faster since SpectraSmart helps verify proper installation, connectivity and operation. During the life of the system, remote problems can be easily diagnosed and remedy can often be accomplished without expensive truck rollouts.

SpectraSmart monitors & identifies the following signals/conditions

- Individual channel video presence/absence
- Video channel sync and video carrier status
- Video load (monitor, switch input)
- Optical signal presence/absence
- Card-level detail (pinouts, part #, etc.)
- Chassis & card environmental status
- Chassis power supply operational status
- Addition/removal of cards (autodetection)
- Alarm logging & analysis
- Identify faults & fault locations

Easy to Configure – SpectraSmart operates on Windows based computers and utilizes a standard RS-232 or USB interface. For network applications, SpectraSmart can be connected to your intranet using Meridian's standard 10/100 Base-T Ethernet network interface adapter. The graphical interface shows and identifies each chassis and its associated modules (see sample figures).

Adaptable – SpectraSmart adapts to your system expansion. Simply connect your new cards and/or chassis and SpectraSmart will automatically identify and configure the software to monitor this new equipment.

For more information about Meridian's SpectraSmart diagnostic system and learn about how it can assist your fiber network management needs contact your local sales representative, Meridian Technical support directly or visit our website at www.meridian-tech.com.

