SpectraSmart™ Diagnostic Network

Easy to Configure

The Windows-based SpectraSmart can be easily configured with the specifics of your network. The particulars of link functions and locations can be entered into SpectraSmart's database. The graphical interface shows each chassis, along with operational and status information. Not only does SpectraSmart autodetect hardware, it also allows you to specify additional information, such as equipment locations or security levels.

Flexible Expansion

SpectraSmart is ideal for both big jobs and little jobs. It can handle up to 18 single-width cards per chassis, accommodating up to 72 video transmitters/receivers per chassis. And its highly expandable design — up to 10 master chassis and 10 expansion chassis — allows the health of up to 7200 video signals to be easily monitored from a single screen.

Managing Your Video's Physical Layer Has Never Been Easier

With its graphical interface and point-and-click operation, SpectraSmart makes monitoring, diagnosing, and correcting your video system fast and simple. The ability to operate locally or remotely allows flexible application, while password protection ensures secure access to network administration.

Learn How SpectraSmart Saves You Time and Money

To find out more about the benefits of SpectraSmart in making video network monitoring and diagnostics fast and more productive, call Meridian today at 516-285-1000 or visit us at www.meridian-tech.com

MERIDIAN™
TECNOLOGIES

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Look into Your Fiber-Optic Video System in Real Time

Monitor and diagnose your Meridian network for greater reliability and personnel safety.

MERIDIAN™
TECNOLOGIES

SPECTRASMART™ NETWORK DIAGNOSTICS

Finally, a fiber-optic network management system that gives you the vision to reduce troubleshooting time and the risk to your operating and maintenance personnel.
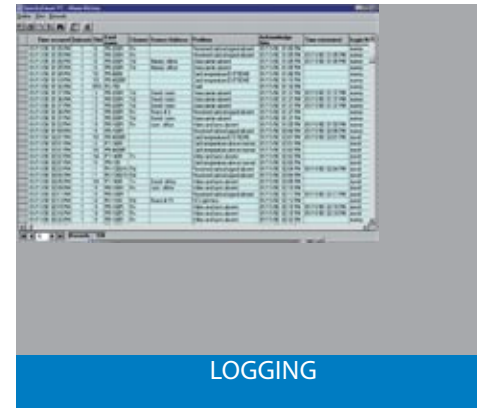
Only SpectraSmart™ combines the easy-use of a graphical user interface with monitoring and control capabilities this powerful. The result: a real-time look into the status and integrity of your fiber-optic system. By continuously monitoring the signal integrity of cameras, modems, interconnects, video matrix switches, and other key equipment, SpectraSmart gives real-time identification of faults and out-of-tolerance conditions. Visual and audible alarms alert security personnel of the condition, its probable cause, and suggested corrective actions.

Save Time and Money

As a big step in automated diagnostics of fiber-optic systems, SpectraSmart can reduce the time and costs of installing, commissioning, and maintaining the system. For system integrators and service personnel, installation is faster since SpectraSmart helps verify proper installation and operation. During the life of the system, remote problem diagnosis and remedy can often be accomplished without expensive truck rollouts.
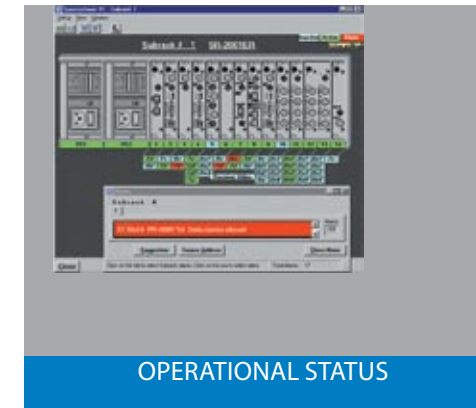
Increase Personnel Safety

For increased security, SpectraSmart can help identify the location of faults. By allowing you to determine whether the fault is in the video switch in a secured wiring closet or in a camera outside a building, personnel are better able to gauge the potential safety risk involved in resolving the problem. For example, you can see if video-signal loss is due to camera interference outside the building so that an appropriate response team can be dispatched.

LOGGING

SpectraSmart maintains a history log of all alarms, providing valuable information for predictive maintenance, reliability planning, security upgrades, and other critical concerns.
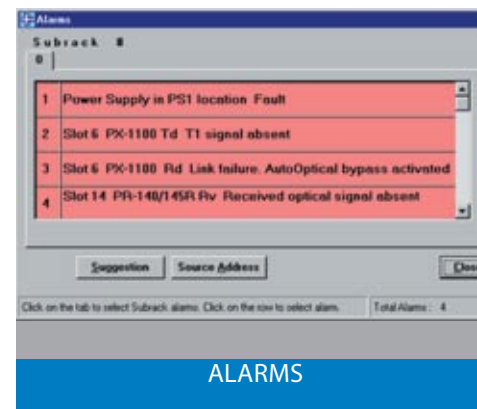
OPERATIONAL STATUS

Graphical interface shows details of each individual chassis. SpectraSmart autodetects racks, power supplies, and plug-in cards.
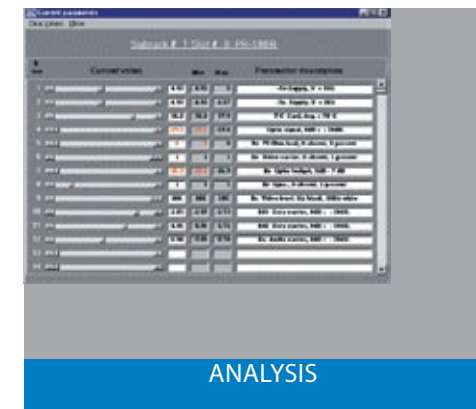
COMPONENTS

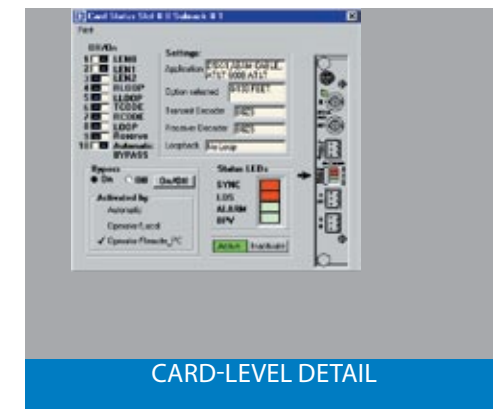The graphical interface with slider buttons makes it simple to set and review parameters.

ALARMS

Alarms are indicated visually and audibly. SpectraSmart displays its diagnosis of the problem. All alarms are stamped with time and date.

ANALYSIS

The ability to report out-of-tolerance conditions allows cost-saving proactive maintenance, reduces disruptions to the system, and prevents security from being compromised through system or component failures.
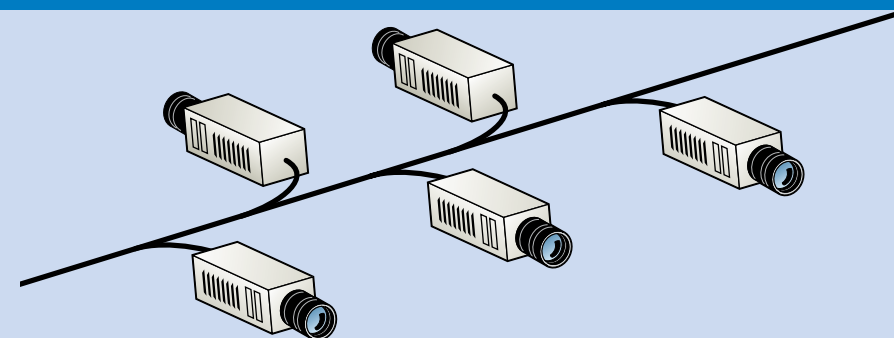
CARD-LEVEL DETAIL

Click on any card visual to get a detailed identification of indicators, interfaces, and connector pinouts. This information can prove invaluable to technicians doing routine maintenance or troubleshooting.

SPECTRASMART™ MONITORS

- ■ Video presence/absence
- ■ Video, video sync, and video carrier status
- ■ Video load (monitor)
- ■ Optical signal presence/absence
- ■ Addition/removal of cards to chassis (autodetection)
- ■ Chassis/card environmental status
- ■ Power supply status

SCALABLE

Easily expandable to monitor over 7200 video signals.