

Interrogator

Remote Head-End Monitoring Software

- Works with 860 DSPh to Monitor Downstream Analog and Digital Services
- Receives Out-of-Limit Alarm (SNMP trap) from 860 DSPh, Adds it to Event List and Notifies User on Screen or Via Email
- Intuitive User Interface Displays Trap Events and Provides a Live View of the Current Condition of the Alarming Parameter

Specifically designed as a remote monitoring interface for the 860 DSPh™, the Interrogator™ is an essential part of Trilithic's remote head-end/hub site monitoring system.

The 860 DSPh is programmed using WorkBench™ to monitor various measurement parameters including channel level, depth of modulation, FM deviation, hum, carrier-to-noise ratio, and MER (modulation error ratio).

When a measurement result for a channel is out of limits an SNMP (simple network management protocol) trap is sent to Interrogator. Traps contain the following information:

- Hub name
- Device name
- Channel
- Alarm type (offending parameter)
- Offending data (sends whole channel line-up for level fault, single reading for all other alarm types)

The 860 DSPh maintains a MIB of last readings for each test and current state of each channel (i.e. alarm state, which changes only on a severity downgrade or upgrade). The trap data is saved in a data base for future analysis.

Monitoring

Interrogator displays:

- The trap information in an event list
- 860 DSPh's and channels in a tree view
- A comparison of trap data to the prescribed limit
- A "live view" of the channel measurement parameter or function



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INTERROGATOR MINIMUM SYSTEM REQUIREMENTS

Processor	1 GHz Pentium-III or higher (2 GHz Pentium 4 or higher recommended)
Memory	256 MB RAM
Hard Drive	2 GB free disk space (or 50 MB free disk space for client-only installations)
Operating System	Windows® 2000, Windows® XP, or Windows® Server 2000
Display	Color monitor running at 256 colors or higher 1024 x 768 minimum screen resolution
Internet Connection	High-speed internet connection
Additional Hardware	Windows®-compatible keyboard and mouse

ORDERING INFORMATION

Product Name	Interrogator software
Part Number	0930123000
Related Products	860 DSPh P/N 2011006001 860 DSPh input expander P/N 2011013000 WorkBench software P/N 0930083000