![H&L instruments logo]

H&L instruments

Fiberoptic Utility Communications
Since 1985

Model 570X Transceiver
The Latest Innovation
From the Leader in
Fiberoptic Communication

The Model 570X Fiberoptic Transceiver is H&L Instruments newest innovation in fiberoptic SCADA communication. The Model 570X includes an embedded Linux System-On-Module (SOM) to provide a powerful all in one solution for SCADA network management and control. It's never been easier to monitor your H&L Instruments fiberoptic network using FiberPanel from your head-end PC with the new Model 570X transceiver, which now incorporates expanded capabilities for monitoring your network via a TCP/IP connection.

The Model 570X transceiver is the most comprehensive product offering ever from the company known throughout the industry for its innovation, service and support.

This transceiver eliminates the need for serial cables and terminal servers through direct support of DNP3 over TCP or UDP. It significantly improves performance and reduces latency by removing the serial bottleneck at the master endpoint. Intelligent serial DNP3 endpoints are supported by a built-in protocol translator.
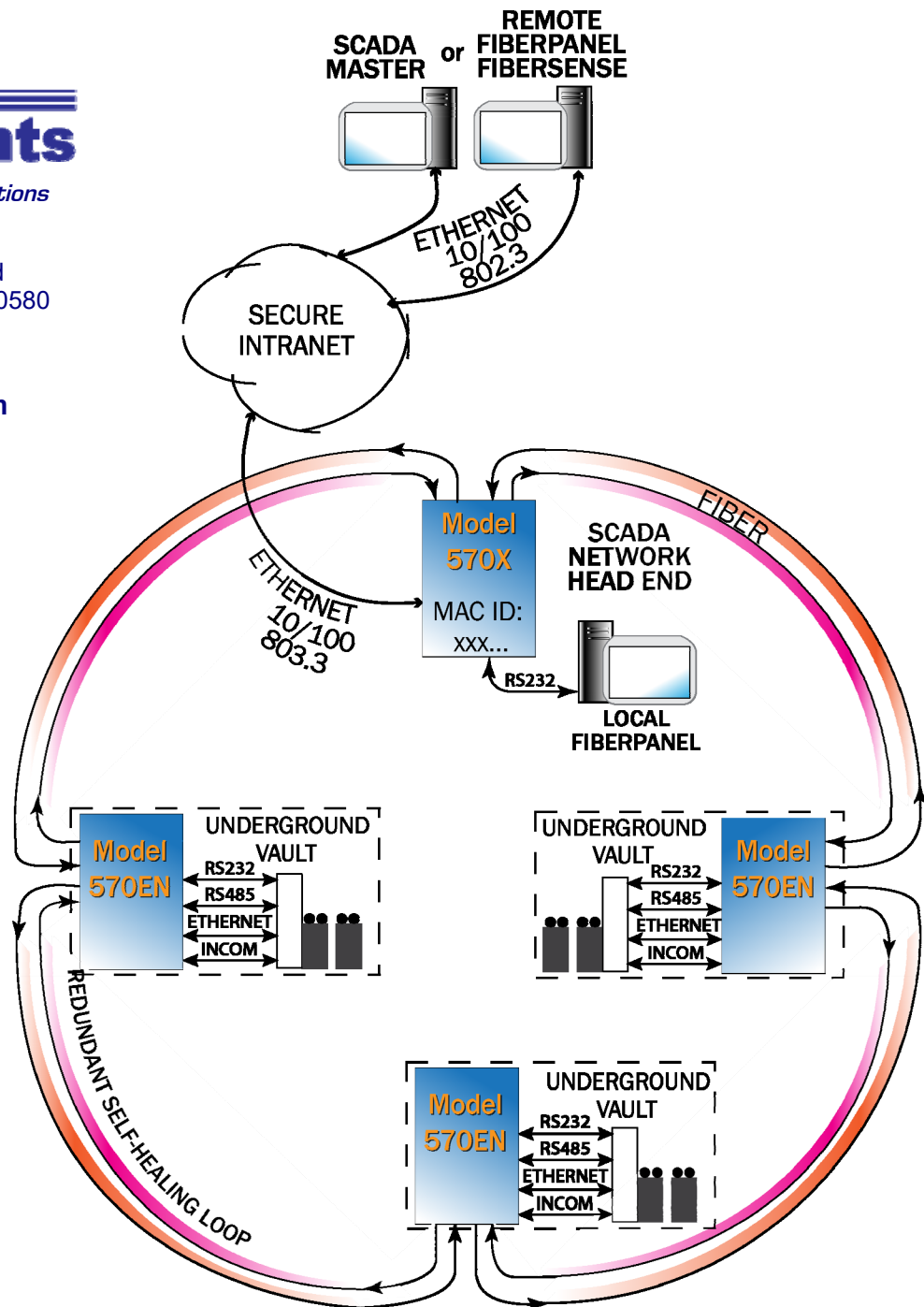
Model 570X Features

- Embedded Linux System-On-Module (SOM)
- Supports DNP3 over TCP or UDP
- Built-in protocol translator supports serial DNP3 endpoints
- Standard or secure FiberPanel connections over IP
- 570/570X networks can be configured from remote locations without need for additional hardware
- Large network support up to 200 fiberoptic transceivers
- 126 high-speed (115 kbps) virtual channels
- Supports fault-tolerant, redundant self-healing network designs
- Two 10/100 802.3 Ethernet ports
- Point-to-point communication

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The Model 570X Fiberoptic Transceiver Supports SCADA Master TCP/IP Or UDP/IP Connections Over Ethernet To A Fiberoptic Redundant/Self-Healing System

Our full line of fiberoptic transceivers support

- Large networks with up to 200 transceivers and 126 virtual channels
- Ethernet interface for SCADA Master
- Point-to-point communication
- Legacy network compatibility
- FiberPanel Network Management software
- INCOM FSK interface
- 8 RS-232 serial ports

- RS-485 interface
- Synchronous RS-422
- SLIC interface for FXS/FX0 telecom and 4-wire audio
- 12-250 volt DC, 120/230 volt AC operation
- Operating temperature from – 40 to +85C
- SEL Mirrored Bits™ communication

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