Dynamic Signal Analyzers

Vibration Test Controllers

EDM Modal

Machine Condition Monitoring Devices & Systems

Software Modules - Engineering Data Management

Premier Technology Serv Agreement

SPIDER-HUB IEEE 1588 INDUSTRIAL NETWORK SWITCH

Spider-HUB Industrial Network Switch: Features IEEE 1588 precision time protocol for the most accurate synchronization of test systems.

Spider-HUB: Back View

INDUSTRIAL ETHERNET SWITCH WITH IEEE 1588v2

Designed and manufactured by Crystal Instruments, the Spider-HUB Industrial Ethernet Switch supports the latest IEEE 1588v2 technology to fulfill precision time synchronization requirements for data acquisition and control applications. The Spider-HUB guarantees time-stamping accuracy within 50 nanoseconds and can be configured for 1588v2 Master, Boundary Clock, and Transparent Clock functionality.

MODULAR DESIGN

With a total of ten Ethernet ports, the modular design of the Spider-HUB makes network planning easy, allowing for greater flexibility and quick expansion of multiple switches. Along with a choice of either front or rear wiring, its small size footprint and low energy consumption make the Spider-HUB suitable for a variety of industrial applications including high speed data acquisition and dynamic signal measurement.

PRODUCT SPECIFICATIONS:

- **Ethernet Ports:** 10 ports (RJ45), supports up to 8 Spider-80X modules
- **Performance:** 10, 100, and 1000 Mbit/s line speed full or half duplex and autosensing of 10, 100, and 1000 Mbit/s port speeds. Optionally programmable to fixed port speed, speed matching between 10, 100, and 1000 Mbit/s ports.
- **Power Connector:** 2.5 mm center-pin power jack
- **System Power Consumption:** Average 21 watts, max 25 watts
- **Size:** 35 mm x 243 mm x 177 mm
- **Weight:** 1.28 kg
- **Price:** $1,500 USD Contact Crystal Instruments for purchasing information.

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