TELETRONICS
A Curtiss-Wright Company

MnHSD-2000 Datasheet
MnDAU-2000 Product

Miniature Networked High-Speed Data Acquisition Unit

Features

- Network-based high-speed data acquisition and encoding unit operating at up to 40 Mbps
- Includes Fast Ethernet 100BASE-T port for:
  - Acquisition setup and configuration
  - SNMP status and control
  - Acquisition data transport
  - Time synchronization using IEEE 1588 time
- Accepts up to 31 modules compatible with MnHSD-2000 stack
- Supports IEEE 1588 for acquisition of coherent global timing information via the network fabric
- Includes 64 MB of Flash, 32 MB of RAM, and a PowerPC® processor
- Environmentally sealed package
- Fully programmable using TTC's TTCWare or Network Management System (NMS) software

Applications

- Flight and ground-based test instrumentation
- Ethernet-based network distributed systems
- System safety monitoring

Description

The MnHSD-2000 miniature network high-speed data acquisition unit is a miniature networked stack that collects and encodes incoming data from a wide variety of I/O modules.

The MnHSD-2000 delivers packetized data to an Ethernet-based network to record, display, manage and process. It is fully programmable over an Ethernet network using TTC's TTCWare or Network Management System (NMS) software, supports SNMP for status and control and is fully compatible with IEEE 1588 for network clock synchronization.

The MnHSD-2000 includes the following components:

- MPPC-500, processor module
- MGPI-500J, IEEE 1588 and Ethernet module
- MPSM-2515, power supply module and MPFM-461 power filter module
- I/O modules compatible with the MnHSD-2000

DEKRA Certified — Management System AS9100C ISO 9001:2008

*Revision **09/03/2015***

MnHSD-2000 Datasheet

Teletronics - A Curtiss-Wright Company
15 Terry Drive, Newtown, PA 18940
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com
www.ttcdas.com