

## Two-Channel Link-16 Bus Monitor Module



### Applications

- Flight test instrumentation
- Air vehicle test, certification or development
- Ethernet-based distributed network systems
- System safety monitoring

### Features

- Plug-in Tactical Data Link (TDL) J (Link-16) system data acquisition module for the MnHSD-2000-1 product
- Supports IEEE 1588 for acquisition of coherent global timing information over the network fabric
- Supports MIL-STD-6016C
- Variable data rate from 32 Kilobits per second (Kbps) up to 128 Kbps using cables as the transmission medium
- Baud rate: 2.4 Kbps to a maximum of 1.024 Mbps
- Multiple MLIN-516B-1 modules can operate simultaneously in a single MnHSD-2000-1 stack
- Fully programmable using TTCWare™ management and configuration system

### Description

The MLIN-516B-1 is a plug-in Tactical Data Link J (Link-16) system data acquisition module for the MnHSD-2000-1 product. The module accepts two channels of Link-16 data and supports serial communications based on the interface specification for the Army Data Distribution System (ADDS) at a maximum baud rate of 1.024 Mbps. IEEE 1588 timestamping is provided on a per-data-packet basis.

The captured data is available on the host encoder's output stream for transmission and recording purposes.

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### MLIN-516B-1 Datasheet

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Teletronics Technology Corporation  
15 Terry Drive, Newtown, PA 18940  
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

[www.ttcdas.com](http://www.ttcdas.com)