

## 2-Channel RS-232/422 Bus Monitor Module



### Applications

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

### Features

- 2 channel plug-in RS-232/422 bus monitor module for the MnHSD-2000 product
- Supports IEEE 1588 for acquisition of coherent global timing information over the network fabric
- Supports EIA RS-232 standard
- Multiple modules can be installed in an MnHSD chassis
- Fully programmable using TTC's TTCWare or Network Management System (NMS) software
- Two independently configured channels
- Programmable RS-232 characteristics:
  - Standard baud rates from 50 to 921,600
  - 5, 6, 7, or 8 data bits
  - 1 or 2 stop bits
  - Odd, even, or no parity
  - RS-232 or RS-422 operation

### Description

The MBIM-232N is a plug-in RS-232 bus monitor module for TTC's Miniature Network High-Speed Data Acquisition unit (MnHSD-2000). It accepts two independently configured channels of RS-232 data. The MBIM-232N supports serial communications per the EIA-RS-232 standard at standard baud rates from 50 to 921,600. Timestamping is provided on a per-data-packet basis.

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

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### MBIM-232N Datasheet

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