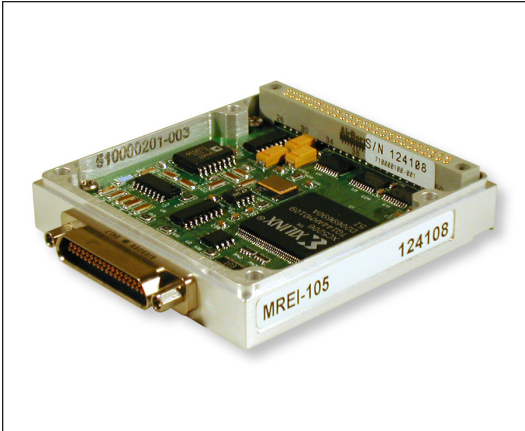


### Remote Overhead E-Bus Interface Module



#### Applications

- Distributed Systems
- Time tagging data

#### Features

- Remote E-Bus I/O overhead module for use in the MEDAU-2000 unit.
- Has Remote Unit ID strapping provisions (1 of 30, i.e. 5 lines)
- Operate as the local controller to I/O digital and analog signal conditioning modules in the chassis
- Contains a 32Kx16 EEPROM (maps the instructions coming from the master to the Remote I/O modules)
- Accepts preconditioned digital and analog data from various Remote I/O modules
- Provides programmable secondary gains and offset for some I/O cards
- Operates at up to 416 KSPS (5 MBPS at 12 bits-per-word)

#### Description

The MREI-105 is used for the MEDAU-2000 as the remote I/O controller card. It accepts E-Bus commands from an E-Bus controller, and replies with data acquired from the I/O cards to the controller. It allows for programming, BIT, System Audit, and Simultaneous Sampling.

Revision 05/12/2015

#### MREI-105 Datasheet

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



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