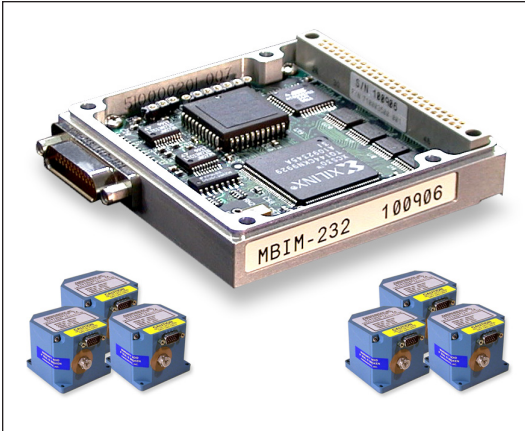


### 2-Channel RS-232/485 Paroscientific Pressure Transducer Interface Module



#### Applications

- Aircraft Instrumentation
- Avionics
- Lab Test

#### Features

- 2 channel RS-232/485 Bus interface
- Compatible with RS-232 and RS-485 Paroscientific Pressure Transducers Series 1000, 6000, and 9000
- Interfaces with up to 16 units per channel for a maximum of 32 units
- Programmable serial port characteristics:
  - RS-232 operation
  - 2 wire RS-485 operation
  - 4 wire RS-485 operation
  - Baud Rates from 300 to 115,200 Baud
- Time Tag per channel with High Time, Low Time and Micro Time
- Provides Pressure data and optional Temperature data for each transducer
- Multiple Modules in a Single Chassis
- Output Data format is Industry Standard 32 Bit Floating point IEEE-754 format
- Windows 2000/XP Software Included

#### Description

The MBIM-232P is a 2-channel RS-232/485 Bus Interface module for use in TTC's MEDAU-20XX or MCDAU-20XX series products. The module interfaces to Paroscientific pressure transducers. The module supports serial communications per the EIA-RS-232 Standard at baud rates from 300 baud up to 115 Kbaud on a per-channel basis. High time, low time, and micro time tagging are provided on a per scan basis. All incoming serial data is stored on the module and is selectable by the user for transmission in the PCM output format as "Class I PCM" (standard fixed-position).

Revision 05/12/2015

#### MBIM-232P-1 Datasheet

©2015 Teletronics - A Curtiss-Wright Company  
 Specifications subject to change without notice.

Approved for Public Release 16-S-0234



CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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)