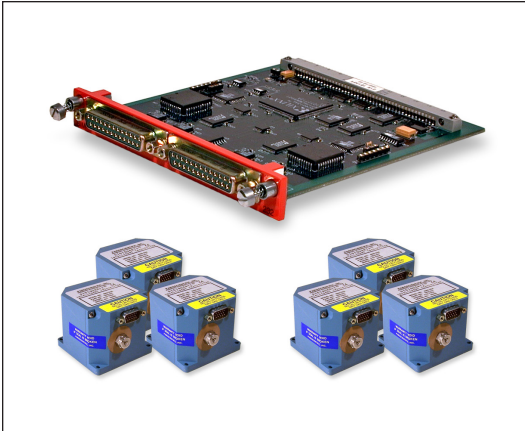


### 4-Channel RS-232/485 Paroscientific Pressure Transducer Interface Card



#### Applications

- Aircraft instrumentation
- Avionics
- Lab test

#### Features

- 4-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 64 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
- Timestamp per channel with high time, low time and micro time
- Provides pressure data and optional temperature data for each transducer
- Multiple cards in a single chassis
- Output data format is industry standard 32 bit floating point IEEE-754 format
- Microsoft Windows application software included

#### Description

The BIM-232P is a 4-channel RS-232/485 bus interface card for use in TTC's EDAU/CDAU-20XX series products. The card interfaces to Paroscientific pressure transducers. The card 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 timestamping are provided on a per-scan basis. All incoming serial data is stored on the card and is selectable by the user for transmission in the PCM output format as "Class I PCM" (standard fixed-position).

Revision 05/11/2015

#### BIM-232P-1 Datasheet

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Specifications subject to change without notice.

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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