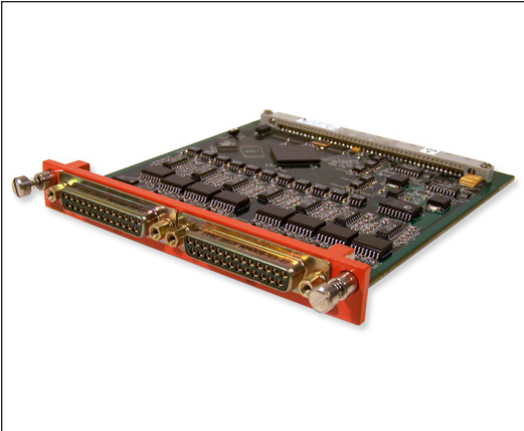


## BEI MotionPak™ Interface Card



### Applications

- Flight test instrumentation
- Factory automation and process control
- Research measurements and experiments

### Features

- 16 channel card
  - 12 rate or accelerometer input channels
  - Four temperature input channels (AD590)
- Interfaces to up to four BEI MotionPak™ units
- Compatible with EDAU/CDAU-20xx system
- Software programmable gain and offset per channel
- Software programmable 4-pole Butterworth presample filter per channel
- Provides  $\pm 15$  VDC power to the MotionPak™
- $\pm 0.5\%$  system accuracy
- Zero and voltage substitution calibration
- 1,000 kilohms input impedance
- $\pm 35$ VDC overvoltage protection
- Windows software included

### Description

The ATD-116F is a 16 channel signal conditioning card for use in TTC's EDAU-20xx or CDAU-20xx series products. The module is designed to interface with the BEI MotionPak™ Multi-Axis Internal Sensing System. Each channel provides calibration, programmable gain and programmable presample filtering per channel. The conditioned analog signal is digitized at up to 12-bit resolution for transmission in the system PCM output format.

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### ATD-116F Datasheet

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 Specifications subject to change without notice.



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