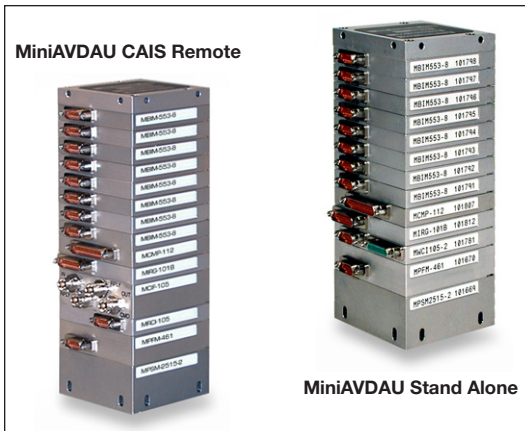


Miniature Avionics Data Acquisition Unit



Applications

- Flight Test Instrumentation Systems
- Vehicle Development

Features

- Miniature CAIS Avionics DAU
- 43 Cubic Inch Unit Includes:
 - Stand-Alone Unit with 8 1553 Bus Capability
 - Chapter 4 PCM Output with up to 5Mbps of Selected Data
 - Chapter 8 PCM Output with up to 12 Mbps of 100% Bus Data
- CAIS Compatible Master/Standalone/Remote Unit
- System Controller Unit w/Acquisition (Optional Config.)
- Handles up to 8 MIL-STD-1553 Bus Inputs
- IRIG-B Time Code Reader/Generator
 - Provides Message/Frame Time Tag Capability
- Modular Architecture
 - Plug-in Signal Conditioning Modules
 - Analog, Digital, Avionics Acquisition Capability
- Provides High Speed Composite Out
 - Per IRIG-106-96, Chapter 8
- Full Support Software Package
 - Single-point System Programming
 - Standard Serial RS-232/422 Interface
 - Includes Win95/98/NT/2000 Software
 - Integrated Ground Support Options

Description

The MiniAVDAU-2000 is a miniature avionics Data Acquisition Unit (DAU). The unit can be configured to acquire the data from up to eight (8) 1553 busses and create a single, high-speed composite serial data output stream in compliance with IRIG-106-96, Chapter 8 requirements. Additional modules can be added resulting in a unit with mixed avionics/analog data capability. The MiniAVDAU-2000 supports operation as either a stand-alone unit, a master controller unit, or a remote slave unit. The MiniAVDAU-2000 unit is very small and rugged, and is suitable for installation in remote or inaccessible areas.

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MiniAVDAU-2000 Datasheet

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