CAIS Data Acquisition and Encoding Unit

Applications

- Avionics DAU (CDAU-2012)
- Flight Test Instrumentation
- Air/Land vehicle test, certification, or development

Features

- CAIS Compatible
- Remote DAU, Avionics DAU or CAIS Bus Controller Configurations
- Bus Control and Data Acquisition in a Single Enclosure
- Plug-in Overhead and Signal Conditioning Cards
- 4-, 8-, 10-, 12-, and 16-slot Versions
- Small and Large Distributed System Capability
- Programmable Operation
  - Up to 8 PCM Formats
  - Up to 128,000 Words each Format
  - Programmable Signal Conditioning
  - 417 KSPS Operation (up to 5 MBPS)
  - Over 2,000 Bit Rate Settings
  - 12 or 16 BPW Resolution
- System Audit and BIT Capability
  - Special (Custom) Capability
- 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 CDAU-20XX is a CAIS compatible Data Acquisition Unit (DAU) for interfacing with a variety of analog/digital sensors and sources. The system is configurable to handle various types of data via plug-in cards. The CDAU-20XX supports operation as either a stand-alone unit, a master controller unit, or a remote slave unit.

CAIS Compatible

DEKRA Certified — Accredited by ANAB — DEKRA Certification

Management System AS9100C ISO 9001:2008