# Single module CAIS Data Acquisition Unit

## Applications

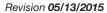- Flight Test Instrumentation
- Missile application
- Research Measurements and experiments

## Features

- Single Module CAIS remote unit
- Smallest CAIS remote unit on the market
- Over 150 modules are available for use in this configuration
- User reconfigurable through pluggable conditioning module
- Provides true CAIS distributed conditioning modules
- Best suited for:
  - Limited space
  - Distance between sensors and conditioning circuit must be as short as possible
  - Pressure and temperature scanner conditioner
- CAIS Bus port for communication with the "Master" and daisy-chain CAIS Bus output for connection to downstream remote units
- Has Remote Unit ID strapping provisions (1 of 60, i.e. 6 lines)
- Operates at up to 416 KSPS (5 MBPS at 12 bits-per-word)
- Operates from aircraft 28 VDC supply
- Windows 95/98/NT/2000 software included

## Description

The Small CAIS Distributed Acquisition Unit (SCDAU-2000) performs the function of a "Remote CAIS Overhead" with one Plug-In signal-conditioning module available from the MCDAU-2000 product line. This module unit provides the interface with the "master" via the CAIS Bus (command/response bus), and provides the internal data interface for most remote I/O modules. This unit allows the user to place signal conditioning near the sensor, or used when space is at a premium.

**CAIS Compatible**

DEKRA Certified — Accredited by ANAB — DEKRA Certification

**Management System AS9100C ISO 9001:2008**