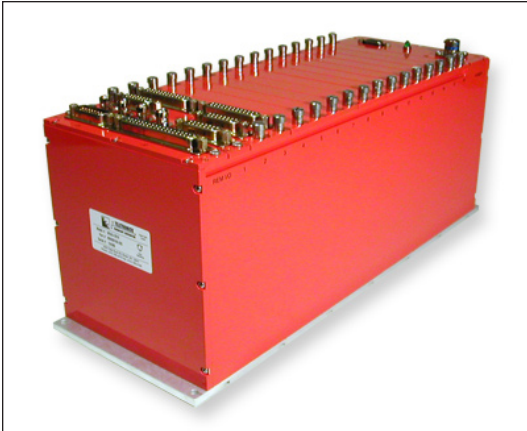


20 Mbps Wide-Band Data Acquisition Unit



Applications

- Stand-alone Data Acquisition
- Distributed Systems
- Vehicle Development
- CAIS Applications

Features

- High Speed Stand-alone Wide-Band Data Acquisition Unit
- Optional CAIS Remote Slave capability (RAM based acquisition-simultaneous with stand-alone function)
- Bit Rates up to 20 Mbps Operates at 8 through 16 BPW
- Programmable Formats and Sample Sequence
- External Simultaneous Sample capability
- Multiple unit can be rate and sample synchronized under control of:
 - CAIS Minor Frame
 - CAIS Major Frame
 - External Sample Clock
- 10-, 12- and 16 Slot Versions
- Plug-in overhead and signal conditioning cards
- Fully programmable with TTC's Windows XP/2000 Software Application
- Extremely Rugged Construction
- Fully programmable operation

Description

The WDAU-20XX is a CAIS compatible Wideband DAU for interfacing a variety of analog/digital Sensors. Encoded data is available in the PCM output data stream at up to 20 Mbps. The unit can be configured to simultaneously support selected data transfer to a Master encoder over the CAIS Bus, and to provide all acquired data in the PCM output. The unit includes various simultaneous sampling modes.

Revision 06/26/2009



WDAU-2010/12/16 Datasheet

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 Specifications subject to change without notice.

Teletronics Technology Corporation
 15 Terry Drive, Newtown, PA 18940
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

www.ttcdas.com