TELETRONICS
A Curtiss-Wright Company

ADSR-4003F-2 Datasheet

Advanced Data Server and Recorder

Applications

- High-definition video recorder/streamer
- Airborne network IP recorder
- High-speed data acquisition
- Instrumentation data recorder
- Mission or map file server

DTD-XXXX-1

Features

- Four channel high-definition video recorder/streamer
- Accepts up to three solid-state memory modules
- Unit includes four internal data acquisition cards, factory-installed
  - VID-401S-1, 1-channel H.264 HD-SDI (SMPTE 292M & 424M) video/audio acquisition card
  - Adjustable bit rate per channel, up to 16 megabits per video channel
- Base unit includes two Gigabit Ethernet interfaces for video streaming
- Supports IEEE-1588 Precision Time Protocol plus IRIG-B time
- General-purpose inputs/outputs
- Ruggedized for airborne applications
- Compatible with TTC's network-based acquisition systems

Description

The ADSR-4003F-2 is an instrumentation video recorder with a built-in video streaming capability. It has two 1000BASE-T Ethernet ports and three removable solid-state memory cartridges. The ADSR-4003F-2 memory cartridges (DTDs) use Serial ATA (SATA)-based media and are available in industrial or commercial temperature versions. Data can be downloaded from the cartridges using one of the ADSR Gigabit Ethernet ports, by using the DTU-2000 desktop Data Transfer Unit or using FTP.

The ADSR-4003F-2 includes four factory-installed VID-401S-1 video acquisition cards. It supports a serial console port which can be used for unit diagnosis, maintenance and configuration.

The ADSR-4003F-2 has a flanged base plate for secure direct mounting, accepts +28 VDC power and has MIL-38999 connectors for power and I/O.

DEKRA Certification DEKRA Certified Accredited by ANAB
Management System AS9100C ISO 9001:2008

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Specifications subject to change without notice.

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