

Advanced Data Server and Recorder



Features

- Intelligent, network-based IP packet recorder and networked file server
- Four channel Video Recording and/or Network Streaming
- Accepts up to three solid-state memory modules
- Unit includes four internal data acquisition cards, factory-installed
 - VID-401D-1, 1-channel H.264, compressed, DVI/HDMI, NTSC/PAL, S-Video, VGA, video/audio acquisition card
 - Adjustable bit rate per channel, up to 16 megabits per video channel
- Base unit includes two Gigabit Ethernet interfaces
- 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

Applications

- Video Recording and/or Network Streaming
- Airborne network IP recorder
- High-speed data acquisition
- Instrumentation data recorder
- Mission or map file server

Description

The ADSR-4003F-3 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-3 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-3 includes four factory-installed VID-401D-1 video acquisition cards. It supports a serial console port which can be used for unit diagnosis, maintenance and configuration.

The ADSR-4003F-3 has a flanged base plate for secure direct mounting, accepts +28 VDC power and has MIL-38999 connectors for power and I/O.



Revision 05/13/2015

ADSR-4003F-3 Datasheet

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 Approved for Public Release 15-S-2126

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Management System
 AS9100C
 ISO 9001:2008