HEIM Modular. Customizable. High-Speed.
AIRBORNE FLIGHT-TEST & MISSION SOLUTIONS

D200 Series

D200 Series : Digital Recording, Modular Signal Interfacing & Interchangeable Media Cartridges.

▶ Up to 256 Mbit/s Data Rate

▶ Solid State Removable Media , Optional IEEE-1394b Interface

▶ 6 Signal Interface Module Slots

▶ Analog, MIL-1553, PCM, ARINC429, Ethernet, Voice, Serial, Video, GPS Interfaces

▶ Remote Control & Data Streaming via Ethernet

▶ User-Friendly Front Control Panel

▶ IRIG106 Chapter 10 Compliant

The D200 Series recorders provide flexible signal interfacing integrated with digital recording in an extremely compact, rugged and economical package, easily adaptable for ever changing mission requirements.

D5000 Series

D5000 Series : Rugged, Lightweight Recording with Removable Media.

▶ Up to 256 Mbit/s Data Rate

▶ Compact Solution for Small Space Applications

▶ Removable Media Cartridges

▶ 3 Signal Interface Module Slots

▶ Remote Control & Data Streaming via Ethernet

▶ Easy-Access Front Panel Connectors

▶ IRIG106 Chapter 10 Compliant

The D5000 series recorders feature reduced size, front-mounted connectors, front configured signal modules and enhanced channel capacity. It provides conveniently adaptable data acquisition resources in a compact, rugged and light-weight package.

D7000 Series

D7000 Series : Performance Flight-Test & Mission Recording.

▶ Up to 256 Mbit/s Data Rate

▶ Removable Media Cartridges

▶ 4 Internal Signal Interface Module Slots

▶ Remote Control & Data Streaming via Ethernet

▶ Easy-Access Front Panel Military Bayonet Connectors

▶ COTS or Custom Configurations Available

▶ IRIG106 Chapter 10 Compliant

The D7000 Series provides robust recording capability to acquire data from multiple avionics signal sources and accurately record them to non-volatile media in a rugged, compact package.

ZODIAC DATA SYSTEMS

ZODIAC AEROSPACE

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MDR Series

MDR Series : Next Generation Compact, Modular Airborne Data Acquisition.

- ▶ Up to 600 Mbit/s Data Rate
- ▶ Up to 64 GB CF Card Storage Capacity
- ▶ Up to 256 GB SSD Storage Capacity
- ▶ IRIG106 Chapter 10 Compliant

- ▶ IRIG A, B, G, PPS, & GPS Time Code
- ▶ IEEE-1588 Network Time Synchronization
- ▶ UDP Broadcast
- ▶ Exchangeable Signal Interface Modules

The MDR provides a highly flexible platform for recording multiple channel types and high channel counts using a variety of user-configured signal interface modules. This ultra light-weight and compact solution is ideal for cockpit installations and available in three versions: MDR Eth, MDR 2 and MDR 8.

MDR Eth

MDR 2

MDR 8

DATaRec 4 & 4R Series

DATaRec 4 & 4R Series: General Purpose & Ruggedized Airborne Data Acquisition.
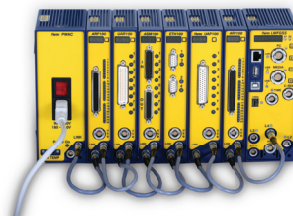
- ▶ Up to 800 Mbit/s Data Rate
- ▶ Scalable, Flexible, Customizable Configuration
- ▶ User-friendly GUI-based Monitoring Interface
- ▶ IRIG106 Chapter 10 Compliant

- ▶ Run as a 'Stand-Alone' System, Front End of a PC, or as a Fully Integrated Acquisition, Control & Display Resource
- ▶ Analog, PCM, ARINC429, Video, Ethernet, MIL-1553, Asynchronous Serial Signals, CAN Signal Interface Modules Available

Modular architecture allows this system to be scaled in speed, data capacity, and interface content to build custom solutions for small, large, ruggedized and benign environmental applications.

DATaRec 4R

DATaRec 4

DATaRec 4R

ZODIAC DATA SYSTEMS

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