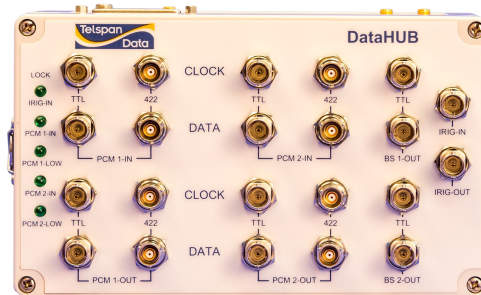


Chapter 10 Products, Applications and Solutions - CPAS

DataHUB & DataHUB-RM turn any PC into a fully compliant IRIG 106 Chapter 10 PCM Recorder/Reproducer System

Features

- 100% IRIG 106 Chapter 10 Compliancy
- Portable & Rackmount Configurations
- Fully Independent 40Mbps PCM & IRIG Time Inputs & Outputs
- Chapter 10 UDP Publisher
- GPS Receiver & IRIG Time Code Generator
- **DCS Application Software** for Recording, Reproducing & Publishing is included
- **Upgrade to NetView Data Fusion Software** for Real-Time Data Display, Recording, Reproduction & Publishing



Telspandata.com/DataHUB



Telspandata.com/MITR

Modular Instrumentation TAP Recorder - MITR

MITR is a high-bandwidth, high-capacity processor/recorder/publisher with Optical or Copper TAP Interface Modules & high-speed removable storage. Suitable for a wide range of data recording requirements in harsh & demanding environments

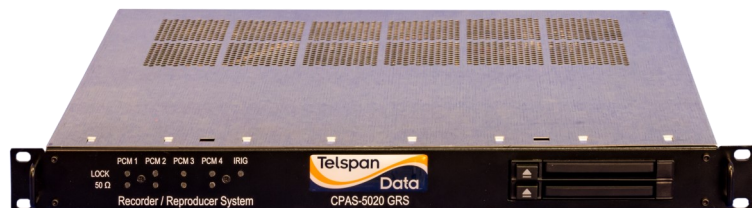
Features

- Record Fibre Channel, Ethernet, AS5643 IEEE-1394B, & More
- Over 1.5GBps Sustained Recording w/ Up to 24TB of Storage
 - IEEE-1588v2 Including Grand Master, IRIG TCG, GPS
 - 4 Port Layer 2/3 Managed Switch w/ Recording Capability
 - HDLC/Chapter 7 Encoded PCM Output
 - Simultaneous Publishing to 1-4 Ethernet Ports
- Real-Time Data Filtering

Ground Recording System (GRS) & Telemetry Data System (TDS) are turnkey units w/ independent 40Mbps PCM I/O configurations available

Features

- 2IN/2OUT, 4IN/4OUT or 8IN PCM configurations w/ Optional Bit Syncs
- GPS Receiver & IRIG-A/B/G Time Code Generator
- i7 1U Rackmount Configuration w/ Removable Drives
- The **GRS** Provides High-end PCM Recording, Reproduction & Publishing Utilizing **DCS Software**
- The **TDS** Provides Real-time Telemetry Data Processing, Display, Recording, Reproduction & Publishing Utilizing **NetView Data Fusion Software**



Telspandata.com/Systems



Software

NetView Data Fusion & Display Software provides real-time decoding, processing, display & publishing from Chapter 10 data sources & other network based instrumentation systems. NetView time aligns, reproduces & publishes from multiple independent data source types & formats

Features

- Live, Replay & Publish/Subscribe
- Record/Reproduce CH10 UDP & DataHUB Streams
- Dock/Float Displays Across Monitors
- Raw Data Displays; 1553, PCM, Ethernet, etc.
- CH10 Data Exports
- RMM/Tape/CF Archive to Files
- Full Math Engine & Derived Parameters
- Auto Setup from TMATS Setup Records
- Full TMATS Import & Export
- Complete C# .NET SDK/API



Telspandata.com/NetView

Ruggedized Hardware

Integrated Ethernet Switches - iES-12/8/6 are managed layer 2/3 gigabit Ethernet switches w/ end-node timing for demanding test instrumentation environments on airborne, shipboard or ground vehicles

Features

- Internal GPS Receiver & IRIG-A/B/G Time Code Generator
- HDLC/IRIG 106 Chapter 7 Encoded PCM Output
- IEEE-1588v2 PTP/gPTP Clocks w/ Grand Master Capability
- IRIG DC/1PPS Outputs & IRIG AM Outputs
- Programmable Discrete Inputs/Outputs
- iES-12 Contains GPS Receiver & Switch Connected FPGA for Packet Level Data Processing



Telspandata.com/iES

Instrumentation Gateway - iGU

Configurable gateway between instrumentation systems & Ethernet networks or telemetry transmitters. Contains a layer 2/3 managed switch, FPGA & quad-core ARM CPU for data processing & protocol transforms

Features

- PCM Inputs/Outputs, NTSC Video Input
- IEEE-1588v2 Master/Slave, IRIG TCG
 - PCM & Video to Chapter 10 UDP
- Ethernet/Chapter 10 UDP to HDLC/Chapter 7 PCM
 - Ethernet/DAR & HDLC/Chapter 7 PCM



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