

SINGLE USER REAL TIME TELEMETRY PROCESSING WORKSTATION

Complete End to End Data Acquisition System with Real Time Data Processing, Archiving, Computation and Display
Connects to a Wide Variety of Data Sources

Full IADS Client Capability with Real Time Audio & Video

- Wide Variety of Data Displays & ActiveX Controls
- Critical Analysis Accomplished in Real Time
- All Data Recorded for Replay and Additional Analysis
- Playback Mode with Identical Real Time Features

Start Wizard Automation

- Loads TMATS File
- Loads Acra XidML File
- Loads TTC XML File
- Default Checkout Desktop
- SmartEU Conversion
- Time Source Selection
- Network Test Page
- Creates IADS Config



REAL TIME STATION USES

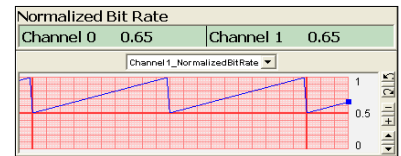
TELEMETRY GROUND STATIONS



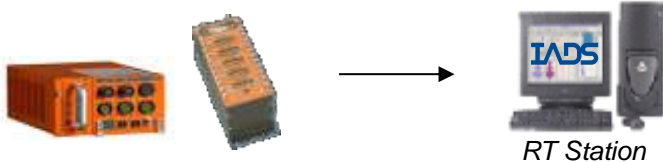
L-3 Comm MFT-800
Lumistar LS-50 PCIe
IADS Custom

Teletronics (TTC)
DBS-120 PCMCIA
DBS-140 USB

Acra Control
SAM/DEC/007 PCMCIA
GTS/DEC/004 PCI Decom
GTS/DEC/005 PCI Decom
Dual Stream



ON-BOARD DATA ACQUISITION



Acra Control

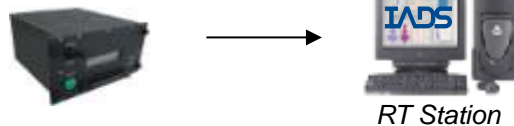
iNET-X Recorder NETREC
KAD/BCU/105 Ethernet
KAD/ETH/101 Ethernet
MEM/103 Compact Flash

Heim

D200 Chapter 10 Recorder
Chapter 10 UDP
Teletronics (TTC)
nREC Recorder

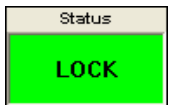
POST TEST CHAPTER 10 PLAYBACK / INET

Heim GSS/GSR Chapter 10
iNET TmNS Sources



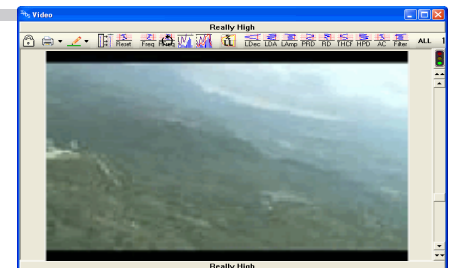
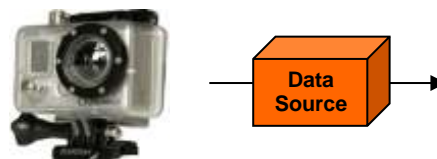
Chapter 10
1553
Analog
ARINC
Custom

UART
Video
All PCM Types:
*Unpacked, Packed
Throughput Mode*



REAL TIME STATION INCLUDES VIDEO

- Extract Video Embedded in PCM
- Video Time Aligned to Data
- Eight Channel Capability
- IRIG-106 Chapter 10 Video (Format 0)
- ACRA MPEG-4 Video
- MPEG-2 Video



IADS Video Player Control