

Data Quick-Look and Analysis



Applications

- Data playback and analysis
- Data verification and validation
- System Quick-look

Features

- Compatible with the following TTC hardware:
 - DBS-120
 - RBDS-120
 - RCVR-105
 - USB-100
 - MnDAU-2000
- Supports playback of IRIG-106
 - Chapter 4 (PCM)
 - Chapter 8 (1553)
 - Chapter 10
 - Network data
- Display PCM data in real time or from archived files
- Display parameters on:
 - Strip chart
 - Data list
 - 1553 bus monitor
 - Alarm checking enunciator
- Playback audio and video data
- Create and play back data archives
- Create concatenations of PCM and 1553 parameters
- Perform EU conversions using ninth order polynomials
- Export individual data streams and parameters to CSV, Matlab, Video, and Audio files

Description

TTCVision is a data visualization and quick-look application. Live data from TTC products including the RBDS-120, DBS-120, RCVR-105, MnDAU-2000 and USB-100 can be recorded and used later. TTCVision supports the Chapter 4 (PCM), Chapter 8 (1553), and Chapter 10 IRIG-106 standard data formats. TTCVision has advanced data visualization and analysis functions. PCM and 1553 parameters can be displayed on a strip chart, data list, 1553 bus monitor and on an enunciator. Enunciators perform real-time limit checking of all incoming PCM data. Audio and video data from MPEG-2, H.261 and CVSD streams can be decoded, played and extracted. TTCVision can apply engineering unit conversions to each measurement including concatenations, bit masks, and polynomials, and this processed data can be exported to CSV and MATLAB files for further data analysis.

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TTCVision Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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