

### MPEG-2 Video/Audio Acquisition Card



#### Applications

- Data Acquisition System
- Safety of Flight Telemetry
- System Integration

#### Features

- Plug-in Video/Audio acquisition card for the AIC-200X product
- Accepts Composite video or S-Video input
- Video compression is based on:
  - MPEG-2 Algorithm
  - Advanced Discrete Cosine Transform
  - Inter-Frame coding
- Audio is two channel mono or one channel stereo with programmable gain from 5Vp-p to 40Vp-p
- Programmable features include:
  - Eight Video Compression levels
  - Selectable four Video resolution level
  - NTSC or PAL Video
  - Operation under format control or stand-alone
  - Insertion of time annotation on the Video
- Video and audio are multiplexed into a single MPEG-2 stream
- Output data rate of 2Mbps minimum
- Multiple VID-200 cards can be placed within a single chassis
- Programmable TTCWare™ software application

#### Description

The VID-200 card adds video/audio acquisition capability to TTC's AIC-200X Airborne Instrumentation Controller. The card provides one video channel input, and one audio stereo channel (or two mono channels) input. Effective video compression rate varies from 2 Mbps to over 12 Mbps. The compression rate is a function user programmable video compression levels, and video resolution levels. In addition, the card provides time annotation overlay with programmable position.

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#### VID-200 Datasheet

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 Specifications subject to change without notice.

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CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

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