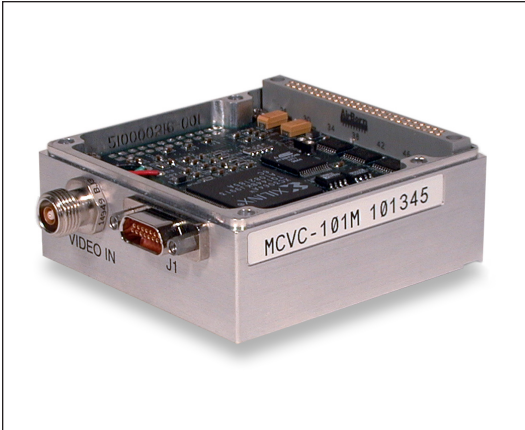


MPEG-2 Video/Audio Acquisition Module



Applications

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

Features

- Plug-in Video/Audio acquisition module for the MEDAU/MCDAU/MARM-2000 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
 - Four Video resolution levels
 - 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 II stream
- Output data rate of 2Mbps minimum
- Programmable TTCWare™ software application

Description

The MCVC-101M module adds video/audio acquisition capability to TTC's MEDAU/MCDAU/MARM-2000 Airborne Data Acquisition Unit. The module 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 4 Mbps. The compression rate is a function of user programmable video compression levels, and video resolution levels. In addition, the module provides time annotation overlay with programmable position.

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MCVC-101M Datasheet

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Specifications subject to change without notice.



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