

MPEG-4 Video/Audio Acquisition Card



Applications

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

Features

- Plug-in Video/Audio acquisition card for the EDAU/CDAU/WDAU-20XX product
- Accepts 1 Video
 - Composite Video (one of four video inputs) or,
 - S-Video (one of two video inputs) or,
 - RGBS (terminated or un-terminated) or,
 - RGB (w/Sync on Green)(terminated)
- Video compression compliant with MPEG-4 Simple Profile
- NTSC or PAL Resolution (Full D1, ½ D1, or CIF (QCIF))
- Various bit rate selections
- Time Stamps with programmable screen location
- Accepts 1 Audio input
 - One stereo (L+R) – up to 4Vp-p
 - One Mono audio channel
 - Low level – up to 4Vp-p
 - High level - up to 40Vp-p
 - MPEG-1 L2, L3 compression or Linear
- Programmable features include:
 - Adjustable Video Compression Levels
 - Multiple Video Resolution Levels
 - Operation under format control
 - Provides embedded time in transport stream
- Multiple cards can be used in a single chassis
- Programmable via TTCWare™ software application

Description

The VID-401M-1 card adds MPEG-4 video/audio acquisition capability to TTC's EDAU/CDAU/WDAU-20XX Airborne Data Acquisition Unit. The card provides MPEG-4 video compression of any one of four video input channels. Effective video compression rate varies from 64Kbps to over 5 Mbps. The compression rate is a function of user programmable video compression levels, and video resolution levels. One mono (low or high level) or one stereo audio channel can be acquired. The card also provides time annotation overlay with programmable position.

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VID-401M-1 Datasheet

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