

MPEG-2 Video/Audio Acquisition Module



Applications

- Data acquisition systems
- Safety of flight telemetry
- System integration

Features

- Video/Audio acquisition module for MSSR-2010-SA & MSSR-110C recorders
- Accepts 1 video input based on selection
 - 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-2
- NTSC or PAL resolution (Full D1, ½ D1, or CIF (QCIF))
- Constant bit rate or variable bit rate selections
- Timestamps with programmable screen location
- Accepts 1 audio input based on selection
 - 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 compression
- Programmable features include:
 - Adjustable video compression levels
 - Multiple video resolution levels
 - Provides embedded time in transport stream
- Multiple modules can be placed within a single stack
- Programmable TTCWare™ software application

Description

The MVID-121M-1 module adds MPEG-2 video/audio acquisition capability for use in TTC's MSSR-2010 -SA and MSSR 110C miniature IRIG 106 Chapter 10 multiplexer/recorder. The module provides MPEG-2 video compression to one of the selectable video input channels. Effective video compression rate varies from 500Kbps to over 10 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 module also provides time annotation overlay with programmable position.

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MVID-121M-1 Datasheet

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Management System
 AS9100C
 ISO 9001:2008