

### H.264 DVI HD Video/Audio Acquisition Module



#### Applications

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

#### Features

- DVI/HDMI HD video or SD video and audio acquisition module for the MSSR-2010-SA/MSSR-110C recorders
- Accepts 1 video input:
  - DVI/HDMI High Definition video or,
  - Composite video or,
  - S-Video or,
  - RGBS or RGB (w/Sync on Green)
- H.264 video compression
- DVI/HDMI video input up to 1080p/60fps
- NTSC or PAL resolution (Full D1, ½ D1, CIF or QCIF)
- Selectable bit rate up to 20 Mbps
- Time stamp overlap 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
  - ISO 13818-3 Audio (MP3)
- Multiple modules can be placed within a single stack
- Synchronized with the recorder clock – allowing synchronized playback on multiple video streams and data streams
- Programmable using TTCWare™ software application

#### Description

The MVID-301M module set adds one channel of H.264 High Definition (HD) or Standard Definition (SD) video/audio acquisition capability to TTC's MSSR-2010-SA/MSSR-110C recorder products. The module provides H.264 video compression for any one of the video inputs. Effective video compression rate varies from 512Kbps to 20 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 positioning.

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#### MVID-301M Datasheet

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Management System  
AS9100C  
ISO 9001:2008