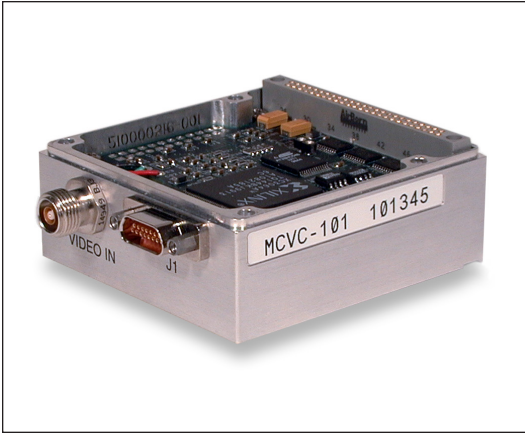


1-Channel Video Input Module with DCT Video Compression



Applications

- Cockpit video
- HUD, MFD, and external stores
- Telecommunications

Features

- Video compression module
 - Based on H.261 algorithm
 - Advanced discrete cosine transform
 - Inter-frame coding compression
- Wide range of output data rates
 - 16 Kbps up to 3 Mbps
 - Clock proportional to PCM sampling
 - Supports the use of an independent programmable clock
- Optional use with RGB video input
 - Use with TTC's MRGB-101 module
- Use with TTC's DVC-101 video decompression card
- Microsoft Windows application software included

Description

The MCVC-101 is a 1-channel plug-in video conditioning module for use in TTC's MEDAU/MCDAU-2000 products. The module samples and compresses the input video based on the customer's desired resolution and available data bandwidth. The encoded data words are placed into the host Encoder's PCM output stream for transmission and/or recording purposes. Once the data stream is recovered, the encoded words are decommutated and the original video can be reconstructed using TTC's DVC-101 card.

Revision 05/12/2015

MCVC-101 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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