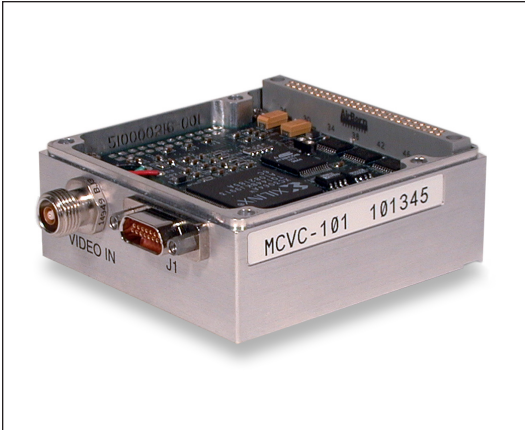


## 1-Channel Video Input Module with DCT Video Compression



### 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
- Windows 95/98/NT/2000 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 02/26/2009

### MCVC-101 Datasheet

©2009 Teletronics Technology Corporation

Specifications subject to change without notice.



Teletronics Technology Corporation  
 15 Terry Drive, Newtown, PA 18940  
 phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

[www.ttcdas.com](http://www.ttcdas.com)