

## 1-Channel Video and Voice Input Board



### Applications

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

### Features

- Video compression board
  - 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
- One CVSD voice channel
- Selectable video input
  - Composite 1 or 2 or S-video
- Use with TTC's DVC-101 video decompression board
- Microsoft Windows application software included

### Description

The CVC-101 is a 1 channel plug-in video/voice conditioning board for use in TTC's EDAU-20XX and CDAU-20XX products. The board samples and compresses the input video based on the customer's desired resolution and available data bandwidth. Voice is also compressed based on the desired legibility, which ranges from usable up through telephone quality. 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/voice can be reconstructed using TTC's DVC-101 board.

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### CVC-101 Datasheet

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