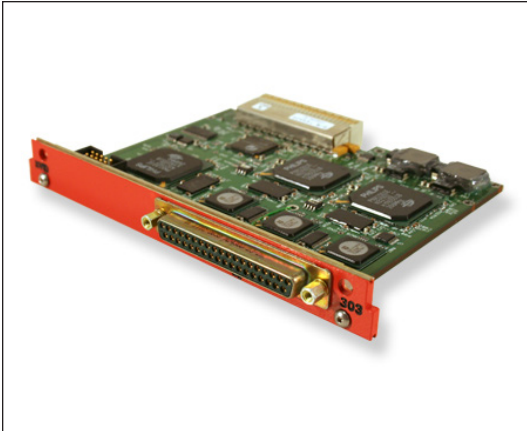


3-Channel MPEG-2 Video/Audio Encoder Interface Card



Applications

- Airborne Data Multiplexer
- Airborne Data Recorder
- Flight Test Instrumentation
- Lab Test

Features

- For use in TTC's MUX-300X(R) products
- Three (3) independent Video channels
- Two (2) independent Audio inputs (stereo) per video channel
- Accepts Composite, S-Video, or RGB+Sync (RGB with Sync on Green) Component Video selectable per channel
- Video compression is compliant with ISO MPEG-2 Standard
- Programmable per channel features include:
 - Adjustable compressed video bit rates
 - Multiple video resolution levels
 - NTSC or PAL Video
- Video and Audio are multiplexed into a single MPEG-2 stream on a channel basis
- MPEG-2 Bit Stream is packetized per IRIG-106 Chapter 10 Format 1
- Provides embedded time in each channel's transport stream
- Interfaces to customized CompactPCI 33Hz-32-Bit Bus
- Multiple XVID-303 cards can be placed in a single chassis

Description

The XVID-303 card is a 3-channel Video/Audio interface card for use in TTC's MUX-300X(R) products. The XVID-303 occupies one I/O slot in the host chassis. Each channel on the card accepts a Composite video, an S-Video, or a RGBS component video input signal. The XVID-303 accepts line-level stereo audio inputs per channel. The card offers variable compression bit rate as well as several video resolution levels programmable by the user on a channel basis. The card will decode NTSC or PAL video formats. Compressed/Encoded Video/Audio transport streams are packetized per IRIG-106 Chapter 10 Format 1. The card interfaces with the host chassis' backplane using a customized 33MHz 32-Bit CompactPCI® Bus. One or more XVID-303 cards can reside in a single host chassis.

Revision 05/13/2015

XVID-303 Datasheet

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CAIS
Compatible



Management
System
AS9100C
ISO 9001:2008

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