VC39A
HDTV Standards Converter

General
The VC39A HDTV Standards Converter uses motion vectors compensated technology to convert scanning lines, fields and pixels to make different flame to HDTV cross conversion. In addition, Dolby-E is available to ready.

Features
◇ HDTV cross conversion: 720p/50, 720p/59.94, 1080i/50, 1080i/59.94
◇ Motion vectors compensation technology
◇ Scene cut detection
◇ Image enhancer process control
  Horizontal and vertical contour correction for the luminance signal (Y) and the chrominance signal (Pb, Pr) can be adjusted individually
◇ Dolby-E (option, VC39A0001)
  It is available for Dolby-E with encode and decode through the system compensated
◇ Embedded audio 16 ch / 48 kHz, 24 bit
◇ AES/EBU audio 8 ch / 48 kHz
  Those can be changed between Embedded and AES/EBU from input and output
◇ Compact system 1U main frame (19 inch rack)

Specifications
◇ Input signals
  HDTV SDI signal 2 x BNC (active through)
  Conforms to SMPTE 292M
  Embedded audio signal
  24 bits, 48 kHz, 16 channels
  Conforms to SMPTE 299M
  AES/EBU audio signal
  4 x BNC
  500 mVp-p +/-20%, 75 ohm
  24 bits, 48kHz, 8 channels
  External sync signals
  BB (Black Burst signal)
  286 mVp-p +/-6 dB, 75 ohm
  Tri-level sync signal
  300 mVp-p +/-6 dB, 75 ohm
◇ Output signals
  HDTV SDI signal 2 x BNC
  Conforms to SMPTE 292M
  Embedded audio signal
  24 bits, 48 kHz, 16 channels
  Conforms to SMPTE 299M
General specifications
- Operating temperature: 5 to 35 degree C
- Relative humidity: 5 to 90%RH (non-dewing)
- Power supply: AC 90 to 250 V, 50/60 Hz
- Power consumption: 150 VA or less
- Dimensions: 426(W) x 520(D) x 44(H) mm
- Weight: Approx. 6 kg

Features and specifications are subject to change without notice.