

D10CEA

The D10CEA converts SD-SDI video with embedded audio to 10-bit component or composite analog video and 4 channel balanced analog audio. The video outputs can be configured as YPbPr (Betacam or SMPTE/EBU N10), RGB, 1 composite or 1 Y/C (S-Video). The 4 ch analog audio outputs can be wired in a balanced or unbalanced configuration. The 4 audio output channels can be selected as group 1-4 from SMPTE embedded audio. Audio level has 4 settings. Audio and video output connections are available on a 25 pin "D" subminiature connector – a breakout cable is supplied. All video/audio configuration is done by external dipswitch selection. This versatile, low-cost, miniature monitoring solution also outputs two re-clocked loop-thru SDI outputs.

$595 US MSRP

https://www.aja.com/index.php/products/d10cea

Inputs

- SD-SDI (SMPTE 259M) w/embedded audio
- 1 x BNC

Outputs

- Video:
  - YPbPr - SMPTE
  - Betacam
  - RGB
  - NTSC
  - PAL
  - YC (S-Video)
  - 10-bits
- Audio:
  - 4 Channel Balanced/Unbalanced, Video/Audio outputs on 25-pin D connector 2 SDI Reclocked loop through, 2 x BNC
- Video, +/-.25db to 5.5 mHz Y
- Audio, +/-.5db to 20 kHz

User Controls

- External Dipswitch
- Video Format
- Pedestal
- H&V blanking
- Audio group 1,2,3,4
- Audio Level, adjustable via switch selection: +24, +18, +15, +12 dBu
- Full Scale Digital

Size (w x d x h)

- 5.8" x 3.1" x 1.0" (147mm x 79mm x 25mm)

Power

- +5VDC Regulated, 4 watts, power supply required, included with purchase

Environment

- Safe Operating Temperature: 0 to 40 degrees C (32 to 104 degrees F)
- Safe Storage Temperature (Power OFF): -40 to 60 degrees C (-40 to 140 degrees F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)