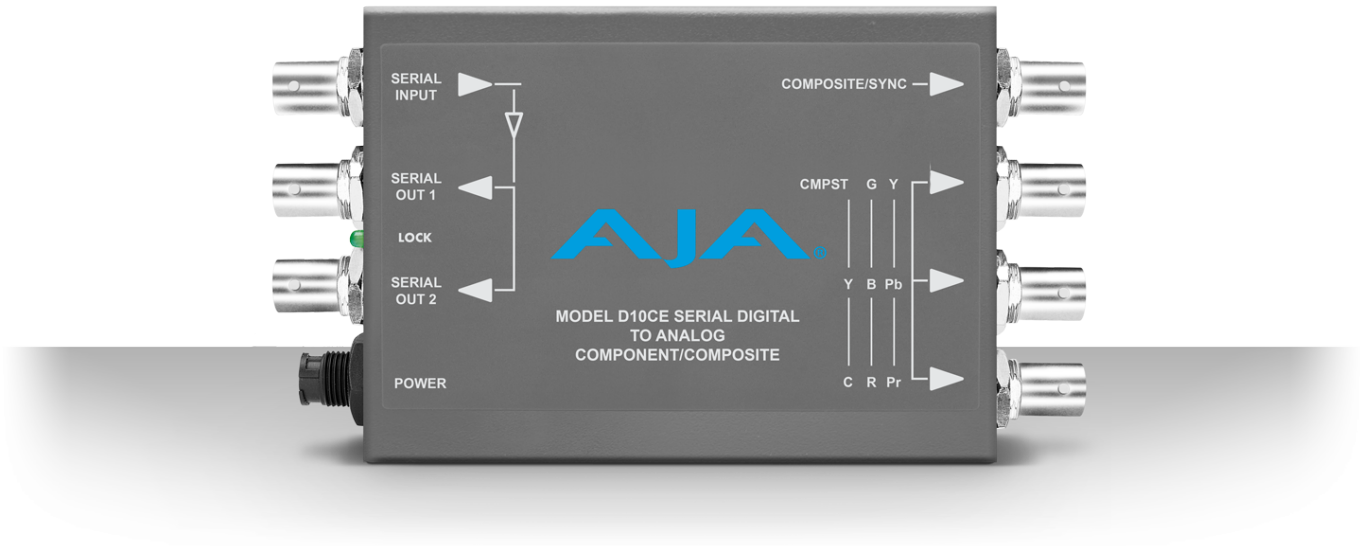

D10CE

The D10CE SDI to Analog Video Converter provides excellent quality 10-bit conversion of SDI to both component and composite video formats simultaneously. The component outputs are user configurable to YPbPr, (SMPTE, EBU-N10), Betacam, or RGB (or composite YC). The composite output is user configurable to composite video or sync. The component and composite outputs are completely independent including optimum chroma filtering for each and independent pedestal configuration. The D10CE also features an exclusive PLL jitter filter/memory to reduce the effects of SDI jitter on the output analog video. This feature, along with the precision 4x oversampled D/A filters, provides the highest quality analog outputs including very low phase noise in composite outputs. The D10CE also provides two re-clocked, loop-thru SDI outputs. All functions are user configurable via dipswitches.

$ US MSRP

https://www.aja.com/index.php/products/d10ce

Video Inputs

- SDI (SMPTE 259M)

Video Outputs

- Simultaneous Component and Composite Output
- YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL
- YC (S-Video), 3 x BNC
- NTSC/PAL or Sync, 1 x BNC
- Reclocked, loop through SDI, 2 x BNC

D/A Converters

- 10-bit, 4 x Oversampling
- Clock jitter filtering to 2.5 Hz

Frequency Response

- Y +/- .15dB to 5.5 mHz
- C +/- .15dB to 2.5 mHz (Component)
- C +/- .15dB to 1.3 mHz (Composite)
- Less Than .5% K Factor (2T)

User Controls

- External Dipswitch
- Video Format
- Pedestal
- Narrow/Wide Blanking
- Audio Group 1 - 4
- Digital Noise Reduction

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)