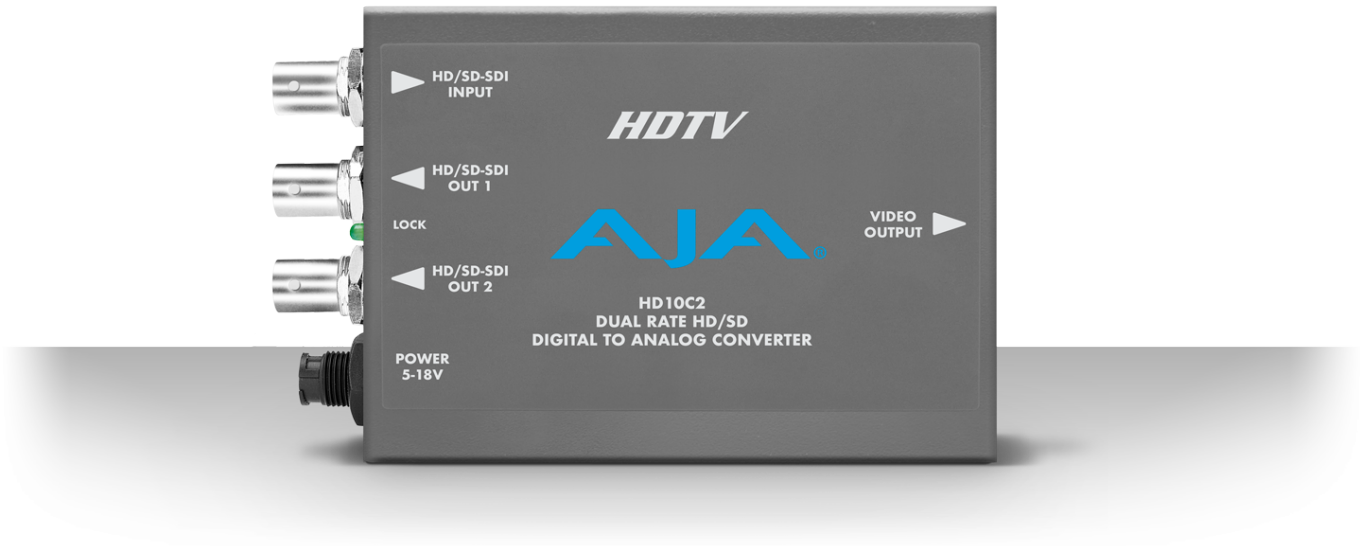

HD10C2

The HD10C2, AJA's second generation HD D/A converter, brings exciting new features. In addition to being a high-quality 10-bit HD converter, the HD10C2 is "dual-rate" and works with both HD-SDI and SDI inputs. For HD-SDI inputs, the HD10C2 outputs full bandwidth HD component or VGA-style RGBHV video. For SDI inputs, component or composite SD outputs are supported. When connected to a multi-format monitor like the Sony 20L5, the HD10C2 will automatically provide an image from almost any HD or SD input format. The HD10C2 also features 2 equalized HD-SDI outputs.

$595 US MSRP

https://www.aja.com/index.php/products/hd10c2

Formats

- (HD) 1080i 50, 59.94, 60
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30 (displayed as Interlaced)
- (HD) 1035i 50, 50.94, 60
- (HD) 720p 59.94, 60
- (SD) 625i 50
- (SD) 525i 59.94
- Automatic Configuration

Inputs

- HD-SDI or SDI SMPTE 259/292/296, 10-bit, 1 x BNC
- Input Equalization: 125 meter 1694 cable

Outputs

- (HD) YPbPr, RGB (SMPTE-274)
- (SD) YPbPr (SMPTE/N10, Beta RGB, Y/C, NTSC/PAL)
- 13W3 wideband analog output connector (cable supplied)
- HD-SDI/SDI equalized loop through, 2 x BNC

Sync

- (HD) Tri-level or bi-level, H/V drive
- (SD) normal SD sync

Frequency Response

- (HD) Y +0, -.5db to 30 mHz, C +/- .25db to 13 mHz
- (SD) Y +/- .25db to 5.5 mHz, C +/- .25db to 2.5 mHz

User Controls

- External dipswitch
- YPbPr/RGB
- Component/Composite (SD)
- SD Pedestal
- SD Blanking
- HD 4:3 Graticule
- SD NTSC/NTSC-J
- Sync on Video on/off

Size (w x d x h)

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

Power

- +5-18VDC 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)