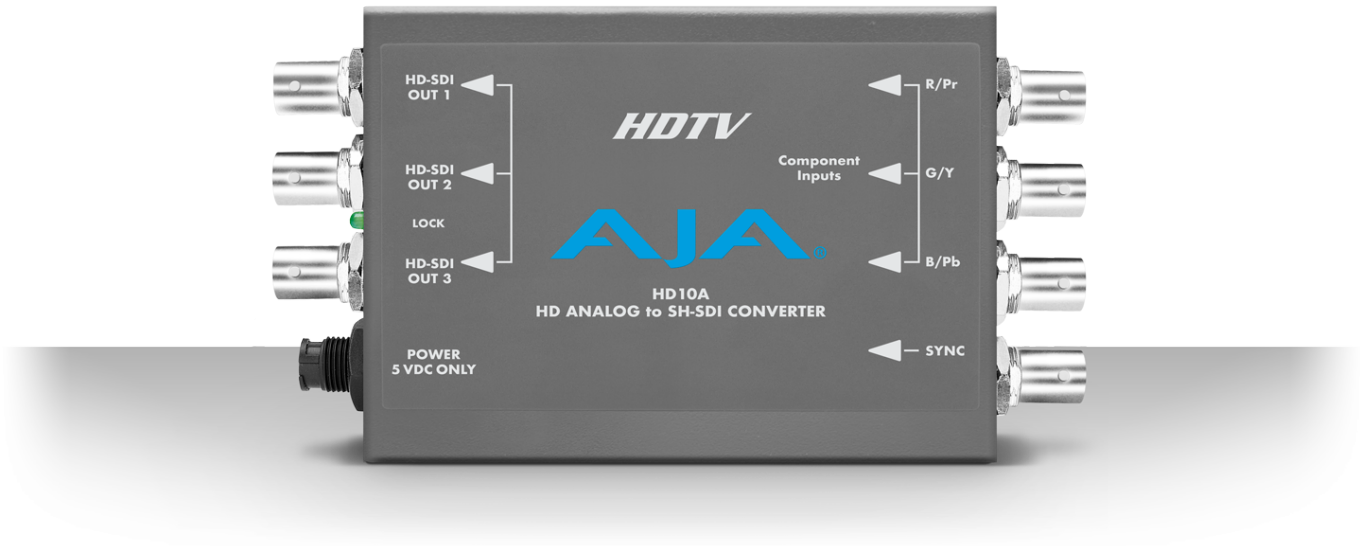

HD10A

The HD10A is a miniature, high-quality, 10-bit analog to digital converter for HDTV. A companion to the popular HD10C D/A converter, the HD10A can add an HD-SDI output to cameras, computers with HD RGB graphics, VTRs, or other analog-only HD equipment. The HD10A accepts HD YPbPr or RGB analog and outputs three duplicate HD-SDI signals. Works in 1080i, 1035i, 1080psf and 720p with internal or external sync (tri-level).

$ US MSRP

https://www.aja.com/index.php/products/hd10a

Formats

- (HD) 1080i 50, 59.94, 60
- (HD) 1035i 50, 50.94, 60
- (HD) 1080PsF 23.98, 24, 25, 29.97, 30
- (HD) 720p 59.94, 60

Inputs

- YPbPr, RGB (SMPTE-274), 3 x BNC
- External Sync, 1 x BNC

Outputs

- HD-SDI, SMPTE-292/296
- 3 x BNC

Frequency Response

- Y +0, - .5dB to 30 mHz
- C +/- .25dB to 15 mHz

User Controls

- External dipswitch
- RGB/YPbPr input
- 59.94, 60 Hz (or 23.98, 24, or 29.97, 30)
- Internal/External sync

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)