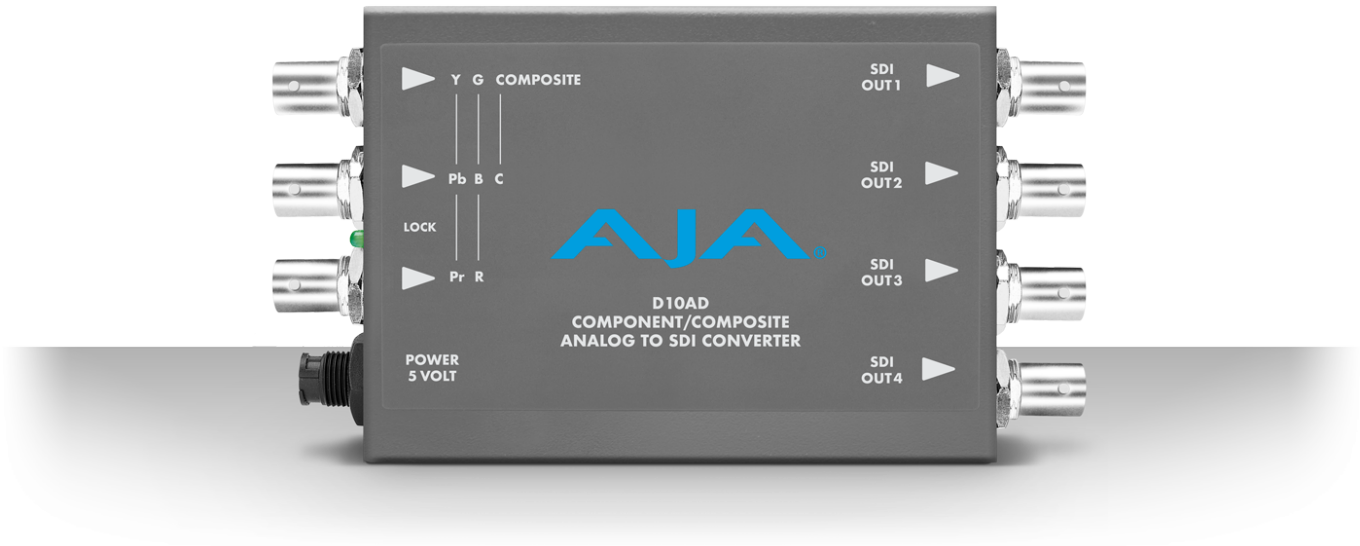

D10AD

The D10AD provides excellent quality 10-bit conversion of component or composite analog video to SDI. The D10AD accepts YPbPr (SMPTE, EBU-N10), Betacam, or RGB component inputs and NTSC/PAL or YC (S-Video) composite inputs. The D10AD features a 3 Line Adaptive Comb Filter for high quality decoding of composite sources. The comb filter can be switched to 2 line or notch modes for minimum delay requirements. NTSC/PAL configuration is automatic. Video format, AGC, and pedestal are all user configurable via dipswitches.

$ US MSRP

https://www.aja.com/index.php/products/d10ad

Video Inputs

• YPbPr (SMPTE, EBU-N10), Betacam, RGB, NTSC, PAL, YC (S-Video) 3 x BNC

Video Outputs

• SDI (SMPTE 259M) 4 x BNC

A/D Converters

• 10-bits, 2 x Oversampling

Frequency Response

• Y +/- .15dB to 5.5 Mhz
• C +/- .15dB to 2.5 Mhz
• Less than .5% K Factor (2T)

User Controls

• External Dipswitch
• Input Video Format
• Pedestal Present/Not Present
• AGC On/Off

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)