

AS PASSIONATE AS YOU ARE



# D10AD PRODUCT SHEET



## D10AD Component or Composite Analog to SDI Converter, 10-bit

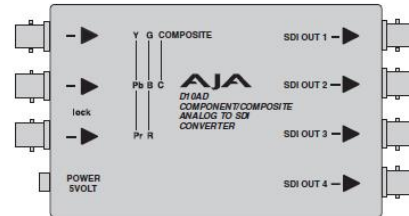
### Features

- Excellent-Quality 10-bit Universal A/D Conversion
- Component, Composite or Y/C Analog Input
- 4 Line Adaptive Comb Filter
- Full 10-bit Data path, 2x Oversampling
- YPbPr, Betacam, or RGB Component Formats
- NTSC or PAL Composite Formats
- AGC Mode
- 4 SDI Outputs with EDH
- Color Bar Generator

The D10AD provides excellent-quality 10-bit conversion of component or composite analog video to SDI with EDH. The D10AD accepts YPbPr (SMPTE, EBU-N10), Betacam, or RGB component inputs or NTSC/PAL or Y/C (S-Video) composite inputs. The D10AD features a 4 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 dip switches.

### Specifications

Inputs:	YPbPr - SMPTE, EBU-N10, Betacam, RGB, NTSC, PAL, Y/C (S-Video) 3 x BNC
Outputs:	SDI (SMPTE 259M) w/EDH 4 x BNC
A/D Converters:	10-bits, 2x oversampling
Frequency Response:	Y +/- .15dB to 5.5MHz C +/- .15dB to 2.5MHz Less than .5% K Factor (2T)



### User Controls:

- (External Dip Switch )  
Input Video Format  
Pedestal Present/Not Present  
AGC On/Off  
EDH On/Off  
Test Pattern

### Power:

- +5VDC Regulated, 4 Watts  
Requires Power Supply

### Size:

- 5.8" x 3.1" x 1" (147 x 79 x 25 mm)