



# V2Digital™

V2Digital is a high-quality, cost-effective analog to digital video converter that's perfect for facilities needing to integrate signal types. V2Digital provides AJA's high-quality 10-bit conversion of component or composite analog video to SDI at either SD or HD resolutions utilizing a full 10-bit data path and 2x oversampling to ensure a quality conversion all at an extraordinary price. V2Digital accepts YPbPr (SMPTE, EBU-N10), Betacam, or RGB component inputs or NTSC/PAL or Y/C (S-Video) composite inputs with a 4-line Adaptive Comb Filter providing high-quality decoding of composite sources. Configuration can be set by on unit DIP switches or remotely via AJA MiniConfig software control over USB.

*Note: V2Digital does NOT up-convert or down-convert between SD and HD resolutions. Only analog to digital signal conversion is supported.*

<https://www.aja.com/products/v2digital>

## Video Formats

- (HD) 1080i 50, 59.94, 60
- (HD) 1080PsF 23.98, 24, 25
- (HD) 720p 50, 59.94, 60
- (SD) 625i
- (SD) 525i

## Video Inputs

- HD component YPbPr, RGB (SMPTE-274), 1x BNC
- SD component (Betacam, EBU-N10)/composite/YC(S-Video), 1x BNC

## Video Output

- HD/SD-SDI, SMPTE-259/292/296M, 1 x BNC

## User Controls

- External Dipswitch
- Control (Local/Remote)
- Component/Composite (SD Only)
- Format (YPbPr/YC or RGB)
- Pedestal Present (on/off) (SD Only)

## Size (w x d x h)

- 5.1" x 2.4" x 1.0" (129.54 x 60.96 x 25.4 mm)

## Power

- +5-20 VDC, 3 watts

## Environment

- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Safe Storage Temperature (Power OFF): -40 to 60 C (-40 to 140 F)
- Operating Relative Humidity: 10-90% noncondensing
- Operating Altitude: <3,000 meters (<10,000 feet)