



## HD10MD3

The HD10MD3 is a miniature digital down-converter for converting HD-SDI video to standard definition SDI and analog component/composite video. The HD10MD3 uses a full 10-bit data path and multi-point interpolation to produce broadcast quality down-converted video. In addition, the HD10MD3 converts either 1080p24 or 1080psf 24 to 59.94 Hz output video using the standard 3:2 pulldown technique. The output can be formatted for either 4:3 or 16:9 standard definition monitors. Four-channel input embedded HD-SDI audio is passed to the SDI output.

\$0 US MSRP

<https://www.aja.com/products/hd10md3>

### Formats

- 1080i 50, 59.94, 60
- 1080p/PsF 23.98, 24, 25, 29.97, 30
- 720p 50, 59.94, 60

### Inputs

- HD-SDI/SDI dual rate, SMPTE 292/296, 1 x BNC

### Outputs

- SDI, SMPTE, 259M, 1 x BNC
- YPbPr - SMPTE, EBU-N10, Betacam
- RGB, NTSC, PAL, YC (S-Video), 3 x BNC

### Down-Conversion

- Multipoint interpolation, 10-bit processing
- 3:2 conversion for 23.98, 24p/PsF inputs

### User Controls

- External dipswitch
- Input video format
- Output video format
- 4:3 Safe Zone graticule overlay
- Pedestal (Output)

- 4:3/16:9 monitor select

### Size (w x d x h)

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

### Power

- +5 to 18V DC, 6.5 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)