



## EVD10C-HD

### Features:

- Low Cost, High Quality, 10-bit Dual Rate HD/SD D/A Conversion
- Full Bandwidth HD Analogue RGB or YPbPr Output (HD input)
- Component/Composite SD Output (SD input)
- 2 Equalized Loop-Thru HD-SDI/SDI Outputs
- RGBHV VGA style HD output using supplied adapter
- HD Sync Selectable Between Bi-level and Tri-Level
- 4:3 Safe Area Graticule (HD)
- 5-18VDC Power
- External Dipswitch Configuration

### Specifications:

#### Formats

HD: 1080i @ 50/59.94/60 Hz  
1035i @ 50/50.94/60 Hz  
1080psf @ 23.98/24/25/29.97/30 (displayed as Interlaced)  
720p @ 59.94/60 Hz  
SD: 525 59.94Hz, 625 50Hz  
Automatic Configuration

#### Inputs

HD-SDI or SDI SMPTE 259/292/296, 10-bit, BNC  
Input Equalization: 125 Meter 1694 Cable

#### Outputs

HD: YPbPr, RGB (SMPTE-274)  
SD: YPbPr (SMPTE/N10, Beta® RGB, Y/C, PAL/NTSC)  
13W3 wideband analog output connector (cable supplied)  
HD-SDI/SDI equalized loop-thru, 2 x BNC

#### Sync

HD: Tri-level or Bi-level, H/V Drive  
SD: normal SD sync

#### Frequency Response

HD: Y +0, -.5db to 30 MHz, C +/- .25db to 13 MHz  
SD: Y +/- .25db to 5.5 MHz, C +/- .25db to 2.5 MHz

#### User Controls

External Dipswitch  
YPbPr/RGB  
Component/Composite (SD)  
SD Pedestal  
SD Blanking  
HD 4:3 Graticule  
SD NTSC/NTSC-J  
Sync on Video on/off

#### Power

+5-18VDC Regulated, 4 Watts

#### Size

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