



# HD2SD

PROFESSIONAL HIGH-QUALITY HD DOWNCONVERTER

## PRODUCT FEATURES

- Auto Detects HD Formats and has selectable 625i50 or 525i59.94 Outputs
- HD to SD Down-conversion
- Low Latency, single input field delay
- Full 10-bit data path and multipoint interpolation
- 8 Channels of Audio passed as 20 or 24-bit
- Selectable analog video from: YPbPr / RGB / CVBS & YC
- 16 times over-sampling for SD output
- Safe Action and Title Graticule Generator
- 32 Video Test Patterns, including 4 Moving and 4 Static Zoneplates
- Tone / Broken Tone Audio Generator
- Dolby E™ Transparent
- External Dipswitch Configuration
- Locking DC Power Socket



Also available in the openGear platform shown below



## SPECIFICATIONS

<b>VIDEO FORMATS</b>	HD:SMPTE 292M/274M/296M@1.485 and 1.435Gb/s • 1080i@60/59.94/50Hz • 1080p/psf@30/29.97/25/24/23.98Hz • 720p@60/59.94/50/30/29.97/25/24/23.98Hz  SD:SMPTE 259M@270Mb/s • 625i50 • 525i59.94	<b>DIP SWITCH CONTROLS</b>	• YPbPr / RGB • Component / Composite & S-Video • SD Pedestal • 4:3, 16:9 and 14:9 Safe Action and Title Graticule Generator • Centre Cross • Output Formats • Anamorphic or Letterbox output • 32 Test Patterns • Broken / Unbroken Audio Test Tone
<b>INPUTS</b>	• HD/SD SDI 10-bit • Input Equalization ~ >200M for SDI or >100M for HD-SDI using Belden 1694A	<b>OUTPUTS</b>	• 2 x SD SDI 10-bit • YPbPr / RGB / CVBS & YC
<b>LED STATUS</b>	• Power • Signal Lock	<b>DIMENSIONS</b>	111mm x 101mm x 27mm (4" x 3.4" x 1")
<b>POWER</b>	• +12V DC, 4.5 Watts • Positive Centre Pin		

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