



HD12DAC

HD SDI to Component or SD SDI to Component/Composite DAC
with DE-EMBEDDED AES/EBU or Analog Audio

PRODUCT FEATURES

- Dual Rate HD/SD 12-bit D/A Conversion
- 24 Bit Audio D/A Conversion
- Multi-Format HD/SD Auto Detection
- Selectable Video output from:
YPbPr / RGB (HD or SD)
CVBS & YC for (SD)
- 2 and 16 times over-sampling for HD and SD respectively
- Selectable Audio output: AES or Analog
- Select any 2 of the 4 AES Groups
- Tone / Broken Tone Audio Generator
- Safe Action / Title Graticule Generator
- Dolby E™ Transparent
- External Dipswitch Configuration
- Locking DC Power Socket



Coming soon in the openGear platform shown below



SPECIFICATIONS

VIDEO FORMATS	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	DIP SWITCH CONTROLS	• YPbPr / RGB • Component / Composite & S-Video • SD Pedestal • 4:3, 16:9 and 14:9 Safe Action and Title Graticule Generator • Centre Cross • AES/EBU or Analog Outputs • 3 switches will select any of the 8 Audio Stereo Pairs • Broken / Unbroken Audio Test Tone • Vertical Blanking Enable/Disable
INPUTS	• HD/ED/SD SDI 10-bit • Input Equalization ~ 350M for SDI or 140M for HD-SDI using Belden 1694A	OUTPUTS	• SDTV: YPbPr / RGB / CVBS & YC • AES 1 / Unbalanced Analogue Audio - Left • AES 2 / Unbalanced Analogue Audio - Right
LED STATUS	• Power • Signal Lock	DIMENSIONS	111mm x 101mm x 27mm (4" x 3.4" x 1")
POWER	• +12V DC, 3.5 Watts • Positive Centre Pin		

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