



# SD12DAC

SDI to Composite/Component DAC  
with DE-EMBEDDED Digital or Analog Audio



Coming soon in the openGear platform shown below



## PRODUCT FEATURES

- SD 12-bit D/A Conversion
- Select any 2 of the 4 AES Groups
- 625i50 or 525i59.94 Auto Detection
- Selectable Video output from: YPbPr / RGB / CVBS & YC
- 16 times over-sampling
- Tone / Broken Tone Audio Generator
- Selectable Audio output: AES or Analog
- 32 Video Test Patterns, including 4 Moving and 4 Static Zoneplates
- Safe Action / Title Graticule Generator
- Dolby E™ Transparent
- External Dipswitch Configuration
- Locking DC power socket

## SPECIFICATIONS

<b>VIDEO FORMATS</b>	SD: SMPTE 259M@270Mb/s • 625i50 • 525i59.94	<b>DIP SWITCH CONTROLS</b>	<ul style="list-style-type: none"> <li>• YPbPr / RGB</li> <li>• Component / Composite &amp; S-Video</li> <li>• SD Pedestal</li> <li>• 4:3, 16:9 and 14:9 Safe Action and Title Graticule Generator</li> <li>• Centre Cross</li> <li>• Vertical Blanking Enable/Disable</li> <li>• 2x Unbalanced AES/EBU or 2x Analog Outputs</li> <li>• 3 switches will select any of the 8 Audio Stereo Pairs</li> <li>• 32 Test Patterns</li> <li>• Broken / Unbroken Audio Test Tone</li> </ul>
<b>INPUTS</b>	<ul style="list-style-type: none"> <li>• SDI 10-bit</li> <li>• Input Equalization - 350M for SDI using Belden 1694A Cable</li> </ul>	<b>OUTPUTS</b>	<ul style="list-style-type: none"> <li>• YPbPr / RGB / CVBS &amp; YC</li> <li>• AES 1 / Unbalanced Analogue Audio - Left</li> <li>• AES 2 / Unbalanced Analogue Audio - Right</li> </ul>
<b>LED STATUS</b>	<ul style="list-style-type: none"> <li>• Power</li> <li>• Signal Lock</li> </ul>	<b>DIMENSIONS</b>	111mm x 101mm x 27mm (4" x 3.4" x 1")
<b>POWER</b>	<ul style="list-style-type: none"> <li>• +12V DC, 2.9 Watts</li> <li>• Positive Centre Pin</li> </ul>		

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