

3G2SD

NEW! PROFESSIONAL HIGH-QUALITY 3G/HD DOWNCONVERTER

FEATURES

- Auto Detects 3G and HD Formats and has selectable 625i50 or 525i59.94 Outputs
- 3G/HD to SD Down-conversion
- Re-clocked 3G/HD/SD SDI output.
- 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



SPECIFICATIONS

VIDEO FORMATS

- 3G: SMPTE 424M@2.97 and 2.967Gb/s
 - 1080p@60/59.94/50Hz
- 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

INPUTS

- 3G/HD/SD SDI 10-bit
- Input Equalization ~ 350M for SDI, ~200M for HD-SDI or ~120M 3G-SDI using Belden 1694A

LED STATUS

- Power
- Signal Lock

POWER

- +12V DC, 4.5 Watts
- Positive Centre Pin



"CREATING THE VISUAL EXPERIENCE"

www.redbytedesign.com

Copyright © 2007 REDBYTE DESIGN PTY LTD

OUTPUTS

- 1 x Re-clocked 3G/HD/SD SDI 10-bit
- 1 x Re-clocked SD SDI 10-bit
- YPbPr / RGB / CVBS & YC

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
- Output Formats
- Anamorphic or Letterbox output
- 32 Test Patterns
- Broken / Unbroken Audio Test Tone

DIMENSIONS

111mm x 101mm x 27mm (4" x 3.4" x 1")

Distributed by:

Symbiosis EU -
www.symbiosis.eu

