



DECIMATOR 2

EXTREMELY LOW COST MINIATURE
(3G/HD/SD)-SDI to HDMI with De-Embedded Analogue Audio
and NTSC/PAL Down-Converted Outputs

PRODUCT FEATURES



- Auto detects 3G, HD or SD (26 Formats in total) and can handle switching of synchronous sources
- HDMI output
 - The input is passed unscaled
- De-Embedded Analogue Audio is output on 2 x RCA connectors at -10dBu = -20dBFS.
- Down-converted Composite output
 - NTSC or PAL is selectable for 3G/HD inputs
 - SD will be passed unchanged.
 - Low latency 3G/HD to SD Down-conversion with ARC (Aspect Ratio Conversion) of either:
 - 16:9 to 16:9 Anamorphic
 - 16:9 to 4:3 Letterbox
 - 16:9 to 4:3 Centre Cut (Crop to 4:3)
 - Full 10-bit data path and multipoint interpolation
 - 16 times over-sampling for Composite Output
- 3G/HD/SD-SDI Active Loop-Through Output
- External Dipswitch Configuration
- USB port for control and updates
- Locking DC Power Socket
- The following is also included with the unit:
Power Supply, HDMI Cable, USB Cable and Mounting Bracket

SPECIFICATIONS

VIDEO FORMATS	3G: SMPTE 424M@2.97 and 2.967Gb/s <ul style="list-style-type: none"> • 1080p@60/59.94/50Hz HD: SMPTE 292M/274M/296M@1.485 and 1.435Gb/s <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 625i50 • 525i59.94 	DIP SWITCH CONTROLS	<ul style="list-style-type: none"> • NTSC or PAL Selection • SD Pedestal • Crop 16:9 to 4:3 • 16:9 or 4:3 Aspect Selection • Stereo Pair selection for RCA Analogue Audio • HDMI Output format select
INPUTS	<ul style="list-style-type: none"> • (3G/HD/SD)-SDI 10-bit • Conditional Maximum Equalization cable length of 400M for SDI, 200M for HD-SDI and 100M 3G-SDI using Belden 1694A 	OUTPUTS	<ul style="list-style-type: none"> • HDMI • SD-Composite • 1 x (3G/HD/SD)-SDI Active Loop-Through • 2 x RCA for De-embedded Analogue Audio (20dBFS=-10dBu)
LED STATUS	<ul style="list-style-type: none"> • Power • Signal Lock 	DIMENSIONS	90mm x 71mm x 23mm (3.5" x 2.8" x 0.9")
POWER	<ul style="list-style-type: none"> • +5V to +24V DC, ~4 Watts • Positive Centre Pin 		

www.decimator.com

FUTURE-PROOF SOLUTIONS

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