



DECIMATOR

EXTREMELY LOW COST MINIATURE
3G/HD to NTSC/PAL DOWN-CONVERTER with ARC
and SD PASS-THROUGH



Similar to the feature rich MDC-1000 available in the openGear platform shown below



PRODUCT FEATURES

- Your choice of either a NTSC or PAL output
- Auto detects 3G, HD or SD (26 Formats in total) and can handle switching of synchronous sources
- Low latency 3G/HD to SD Down-conversion with ARC (Aspect Ratio Conversion) of:
 - 16:9 to 16:9 Anamorphic
 - 16:9 to 4:3 Letterbox
 - 16:9 to 4:3 Centre Cut (Crop to 4:3)
- SD Pass-through
- Full 10-bit data path and multipoint interpolation
- 3G/HD/SD-SDI Active Loop-Through Output.
- 16 times over-sampling for Composite Output
- External Dipswitch Configuration
- Locking DC Power Socket
- Optional Mounting Bracket available

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
INPUTS	<ul style="list-style-type: none"> • 3G/HD/SD SDI 10-bit • Input Equalization ~ 350M for SDI, ~200M for HD-SDI or ~120M 3G-SDI using Belden 1694A 	OUTPUTS	<ul style="list-style-type: none"> • 1 x 3G/HD/SD-SDI Active Loop-Through • SD-Composite
LED STATUS	<ul style="list-style-type: none"> • Power • Signal Lock 	DIMENSIONS	3" x 2.8" x 0.9" or (78mm x 71mm x 23mm)
POWER	<ul style="list-style-type: none"> • +5V to +20V DC, 4 Watts • Positive Centre Pin 		

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