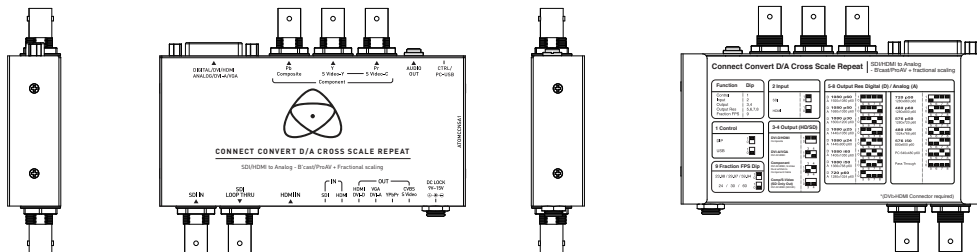
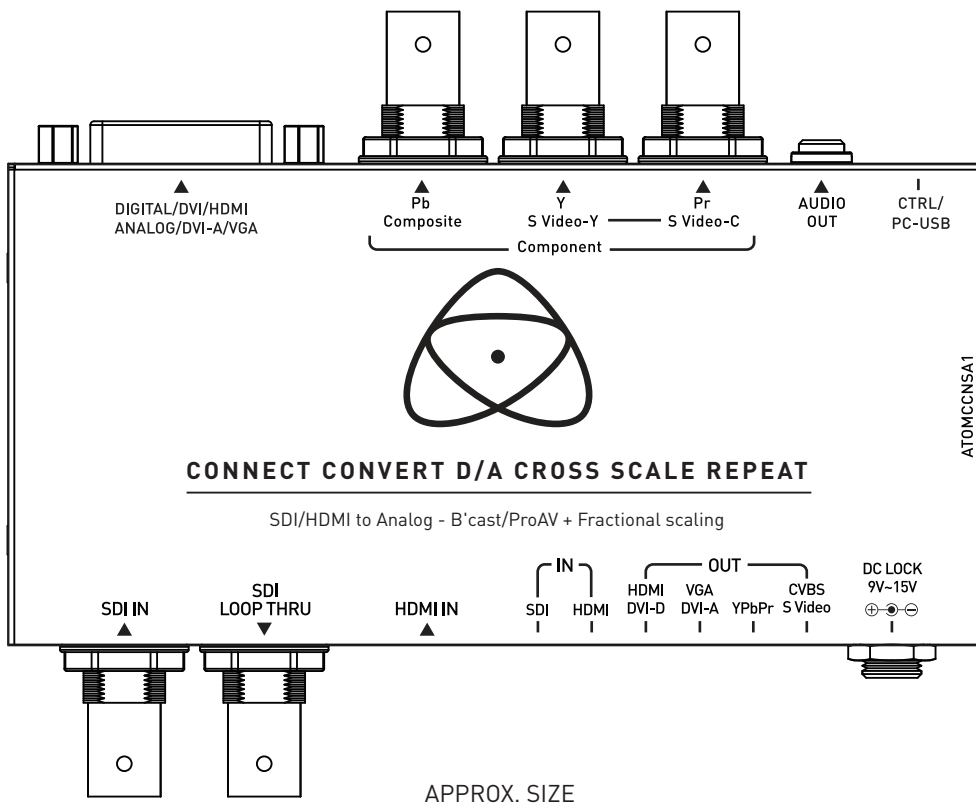




ATOMCCN-SA1

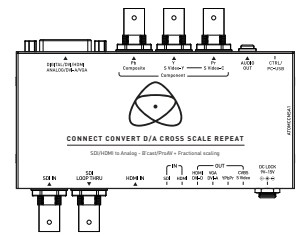
CONNECT CONVERT D/A CROSS SCALE REPEAT

SDI/HDMI TO ANALOG - B'CAST/PROAV + FRACTIONAL SCALING



CONNECT CONVERT D/A CROSS SCALE REPEAT

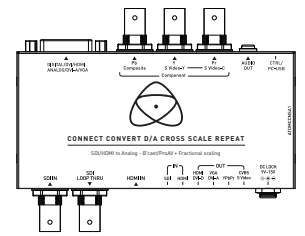
SDI/HDMI TO ANALOG - B'CAST/PROAV + FRACTIONAL SCALING



CONNECT CONVERT D/A CROSS SCALE REPEAT	
FEATURES	Converts from 3G/HD/SD-SDI or HDMI Input to DVI-D/VGA or Component/S-Video/Composite Video Output
	Auto Source Format Detection (3G/HD/SD)
	Built-In Hardware Scaling Engine with Anti-Aliasing
	Simultaneous 1xDVI-I/Component/S-Video/Composite and 2xSDI Output
	Re-Clock Function (for SDI Output)
	ConnectOS, PC Application for USB Control and added Settings
	Test Label output with input & output resolutions / Frame rates
	Test pattern output with multiple pattern options
	Custom Regions of interest selection with dot by dot or full screen scaling
	Live adjustments for Brightness, Contrast, Hue, Saturation via USB control
	Low operating Temperature
	1 Year Warranty - Upgradeable to 3 Years on Registration
	DC or USB powerable
	Detachable Rack Ears
Firmware Upgradeable Through Micro-USB Port	
PHYSICAL FEATURES	129mm x 22mm x 63.6mm (W x H x D)
	159mm (W inc. detachable rack ears)
	319.2g (single unit)
	341.4g (inc. detachable rack ears)
	22.2g (detachable rack ears only)
HDMI INPUT	SD
	720 x 480 i 59.94, 720 x 576 i 50,
	720 x 480 p 59.94 / p 60, 720 x 576 p 50,
	HD
	1280 x 720 p 59.94 / p 60 / p 50,
	1920 x 1080 i 59.94 / i 60 / i 50,
	1920 x 1080 p 23.98 / p 24 / p 25 / p 29.97 / p 30,
	1920 x 1080 p 59.94 / p 60 / p 50
	VESA
	1680 x 1050 p60 / 1600 x 1200 p60 / 1440 x 1050 p60 /
	1440 x 900 p 60/1400 x 10 50 p 60/1366 x 768 p 60 /
	1280 x 1024 p60 / 1280 x 960 p60 / 1280 x 800 p60 /
1280 x 720 p60 / 1024 x 768 p60 / 800 x 600 p60 /	
640 x 480 p60	
VGA / DVI-A INPUT	720 x 480 p 59.94, p 60/720 x 576 p 50
	HD-SDI
	1920 x 1080 p 60/1680 x 10 50 p 60/1600 x 1200 p 60 /
	1440 x 1050 p 60/1440 x 900 p 60/1400 x 10 50 p 60 /
	1366 x 768 p 60/1280 x 102 4 p 60/1280 x 960 p 60 /
	1280 x 800 p 60/1280 x 720 p 60/1024 x 768 p 60 /
800 x 600 p 60/640 x 480 p 60	
SDI INPUT	SD-SDI
	720 x 480 i 59.94, i 60/720 x 576 i 50
	720 x 480 p 59.94, p 60/720 x 576 p 50
	HD-SDI
	1280 x 720 p 59.94 / p 60 / p 50
	1920 x 1080 i 59.94 / i 60 / i 50,
	1920 x 1080 p 23.98 / p 24 / p 25 / p 29.97 / p 30,
	3G-SDI
3G-SDI Level A: 1920 x 1080 p 59.94 / p 60 / p 50	

CONNECT CONVERT D/A CROSS SCALE REPEAT

SDI/HDMI TO ANALOG – B'CAST/PROAV + FRACTIONAL SCALING



PASS THROUGH MODE COMPATIBLE FORMAT	SD-SDI
	720 x 480 i 59.94, 720 x 576 i 50,
	HD-SDI
	1280 x 720 p 59.94 / p 60 / p 50,
	1920 x 1080 i 59.94 / i 60 / i 50,
	1920 x 1080 p 23.98 / p 24 / p 25 / p 29.97 / p 30,
	3G-SDI
3G Level A: 1920 x 1080 p 59.94 / p 60 / p 50	
In the Pass Through mode, the scaler is bypassed and It does not correspond to the OSD scaling displayed	
HDMI / DVI-D OUTPUT	SD
	720 x 480 i 59.94, 720 x 576 i 50,
	720 x 480 p 59.94 / p 60, 720 x 576 p 50,
	HD
	1280 x 720 p 59.94 / p 60 / p 50,
	1920 x 1080 i 59.94 / i 60 / i 50,
	1920 x 1080 p 23.98 / p 24 / p 25 / p 29.97 / p 30,
	3G: 1920 x 1080 p 59.94 / p 60 / p 50
	VESA
	1680 x 1050 p60 / 1600 x 1200 p60 / 1440 x 1050 p60 /
	1440 x 900 p 60/1400 x 10 50 p 60/1366 x 768 p 60 /
	1280 x 1024 p60 / 1280 x 960 p60 / 1280 x 800 p60 /
	1280 x 720 p60 / 1024 x 768 p60 / 800 x 600 p60 /
640 x 480 p60	
VGA / DVI-A OUTPUT	1920 x 1080 p 60/1680 x 10 50 p 60/1600 x 1200 p 60 /
	1440 x 1050 p 60/1440 x 900 p 60/1400 x 10 50 p 60 /
	1366 x 768 p 60/1280 x 102 4 p 60/1280 x 960 p 60 /
	1280 x 800 p 60/1280 x 720 p 60/1024 x 768 p 60 /
	800 x 600 p 60/640 x 480 p 60
COMPONENT (YCBCR) OUTPUT	SD
	720 x 480 i 59.94 / 720 x 576 i 50
	HD
	1280 x 720 p 59.94, p 50/1920 x 1080 i 59.94, i 50 /
	1920 x 1080 p 23.98, p 24, p 25, p 29.97, p 30
3G	
1920 x 1080 p 59.94, p 60, p 50	
COMPOSITE (CVBS) / S-VIDEO OUTPUT	720 x 480 i 59.94 [setup level 0 IRE / 7.5 IRE] /
	720 x 576 i 50
HDMI INPUT	HDMI Ver.1.3a, HDCP not supported, CEC non-compliant
SDI INPUT /OUTPUT	3G-SDI Level A Direct image format mapping (SMPTE 425M)
	3G-SDI Level B-DL SMPTE ST 372 Dual Link mapping (SMPTE 425 M)
	HD-SDI (SMPTE 292 M)
	SD-SDI (SMPTE 259 M)
OUTPUT TERMINAL	DVI-I x 1 (Used as HDMI / DVI-D / DVI-A / VGA)
	BNC x 3 (Component, Composite, S-Video)
	BNC x 1 (SDI active through output)
AUDIO INPUT	HDMI embedded audio (LPCM, Max. 8 ch, fs = 32 kHz to 192 kHz)
	SDI embedded audio (LPCM, Max. 8 ch, fs = 48 kHz)
AUDIO OUTPUT	HDMI embedded audio (LPCM, Max. 8 ch, fs = 32 kHz to 192 kHz <input through>)
	Analog LR audio (unbalanced, -30 dBu to 24 dBu switching 5, load resistance 10 kΩ or more)
TIME CODE	Embedded Time code is available in Loop out but is not passed through on converted output
I / O DELAY	Scaler mode: Up to 2 frames.
	Pass Through mode: Up to 2 lines
DC INPUT VOLTAGE	9V - 15V DC [Barrel Connector, 5.5mm, 2.1mm Center]
OPERATING TEMPERATURE	0° C to 50° C [32° F to 122° F]