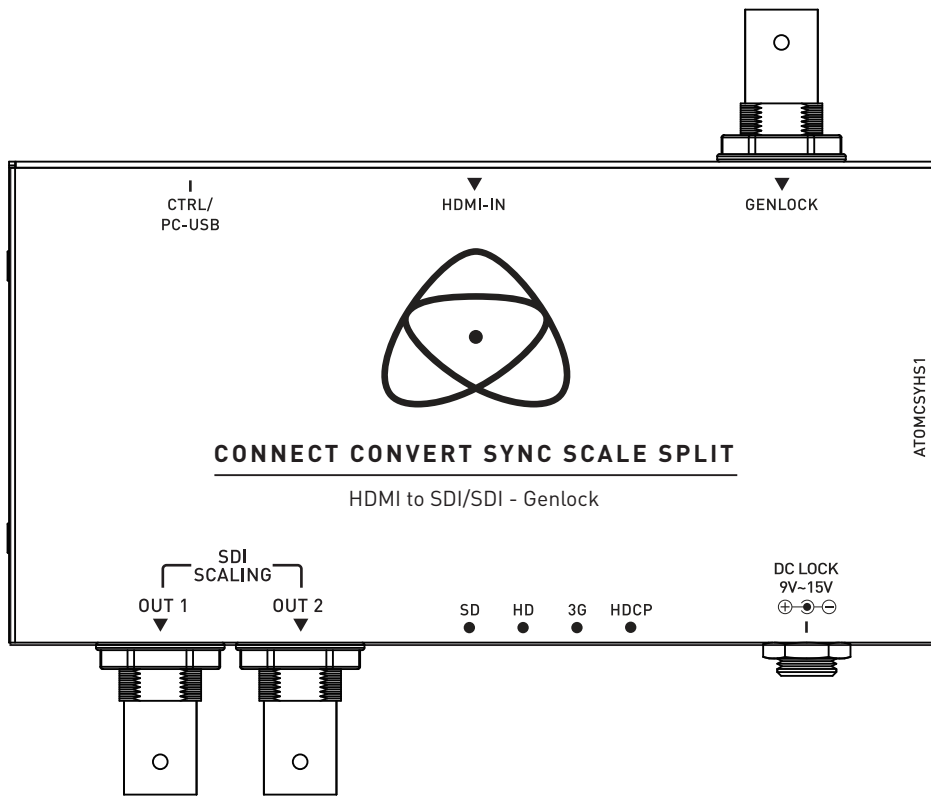




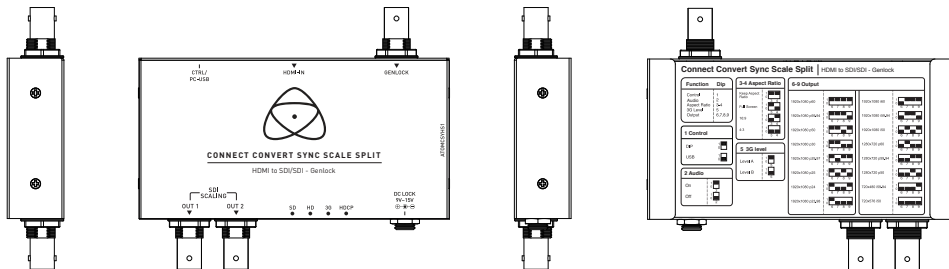
ATOMCSY-HS1

# CONNECT CONVERT SYNC SCALE SPLIT

## HDMI TO SDI/SDI - GENLOCK

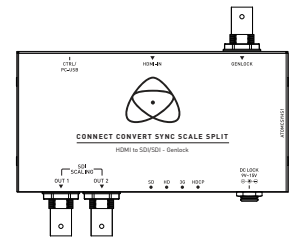


APPROX. SIZE



# CONNECT CONVERT SYNC SCALE SPLIT

## HDMI TO SDI/SDI – GENLOCK

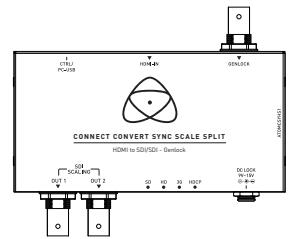


CONNECT CONVERT SYNC SCALE SPLIT   HDMI TO SDI/SDI – GENLOCK	
<b>FEATURES</b>	Built-In Up/Down Conversion Engine
	Supports Reference Input for Genlock
	Auto Source Format Detection ( 3G/HD/SD )
	High Quality SDI Re-Clock Engine ( Up to 3G-SDI )
	DIP Switch control for Video Mode and Configuration
	ConnectOS, PC Application for USB Control and added Settings
	Proc Amp Control adjustments - Brightness, Contrast, Hue, Saturation
	Custom Regions of interest selection with dot by dot or full screen scaling
	Test pattern output with multiple pattern options
	Text Label output with input & output resolutions / Frame rates
	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	
<b>PHYSICAL FEATURES</b>	123mm x 22mm x 63.6mm (W x H x D)
	153mm (W inc. detachable rack ears)
	254g (single unit)
	276.2g (inc. detachable rack ears)
	22.2g (detachable rack ears only)
<b>REF-IN INPUT</b>	Black Burst (480i 59) 576 i 50
	720p59, 720p60, 720p50, 1080i59, 1080i60, 1080i50,
	1080 p 30, 1080 p 25, 1080 p 24, 1080 p 59, 1080 p 60, 1080 p 50
	The resolution that can be output in the external input mode depends on the REF-IN format.
<b>HDMI INPUT</b>	720 × 480 i 60, p 60/720 × 576 i 50, p 50/1280 × 720 p 60, p 50 /
	1920 × 1080 i 60, i 50, p 24, p 25, p 30, p 60, p 50 /
	640 × 350 p 85/640 × 400 p 85/720 × 400 p 85 /
	640 × 480 p 60, p 72, p 75, p 85/800 × 600 p 56, p 60, p 72, p 7, p 85 /
	848 × 480 p 60/1024 × 768 p 50, p 59, p 60, p 70, p 75, p 85 /
	1152 × 864 p 70, p 75/1280 × 768 pRB, p 60, p 75, p 85 /
	1280 × 800 p 60, p 75, p 85/1280 × 960 p 60, p 75, p 85 /
	1280 × 1024 p60, p75, p 85/1360 × 768 p 60, p 50, p 60 /
	1400 × 1050 p50, p 59, p 60, p 75/1440 × 900 p 60, p 75, p 85 /
	1600 × 1200 p50, p59, p60, pRB / 1680 × 1050 pRB, p60 /
	1920 × 1200 pRB / 2048 × 1052 p 60/2048 × 1080 p 50, p 59, p 60
<b>SDI OUTPUT</b>	<b>SD -SDI</b>
	720 × 480 i 59.94, i 60/720 × 576 i 50
	720 × 480 p 59.94, p 60/720 × 576 p 50
	<b>HD-SDI</b>
	1280 × 720 p 59.94 / p 60 / p 50
	1920 × 1080 i 59.94 / i 60 / i 50,
	1920 × 1080 p 23.98 / p 24 / p 25 / p 29.97 / p 30,
	<b>3G -SDI</b>
3G-SDI Level A: 1920 × 1080 p 59.94 / p 60 / p 50	
<b>AUDIO INPUT</b>	HDMI embedded audio (8 ch)

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# CONNECT CONVERT SYNC SCALE SPLIT

## HDMI TO SDI/SDI - GENLOCK



<b>SAMPLE RATE</b>	Automatically resample to 48 KHz (For Stereo)
<b>AUDIO OUTPUT</b>	SDI embedded audio (LPCM, Max. 8 ch, fs = 48 kHz)
<b>INPUT TERMINALS</b>	HDMI x 1 Type A REFx1 ( Black Burst, Tri-Level Sync )
<b>OUTPUT TERMINAL</b>	2 x Up/Down Converted SDI
<b>GENLOCK FRAME LOCK MODE</b>	Free-Run, External Sync Input
<b>DC INPUT VOLTAGE</b>	9V - 15V DC (Barrel Connector, 5.5mm, 2.1mm Center)
<b>OPERATING TEMPERATURE</b>	0° C to 50° C (32° F to 122° F)