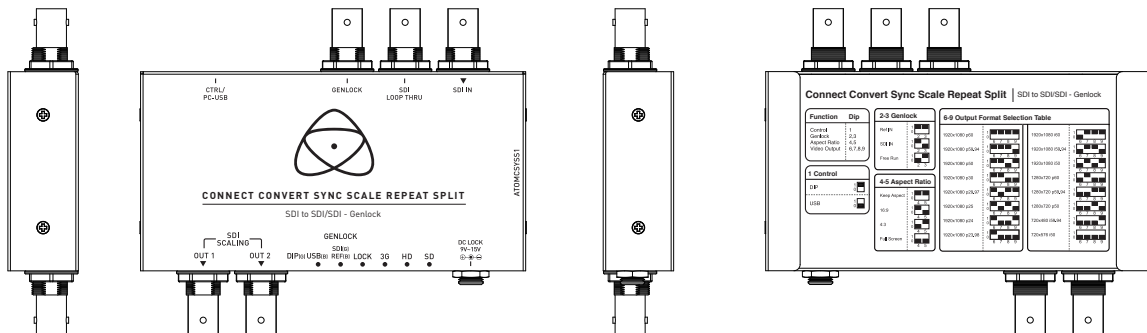
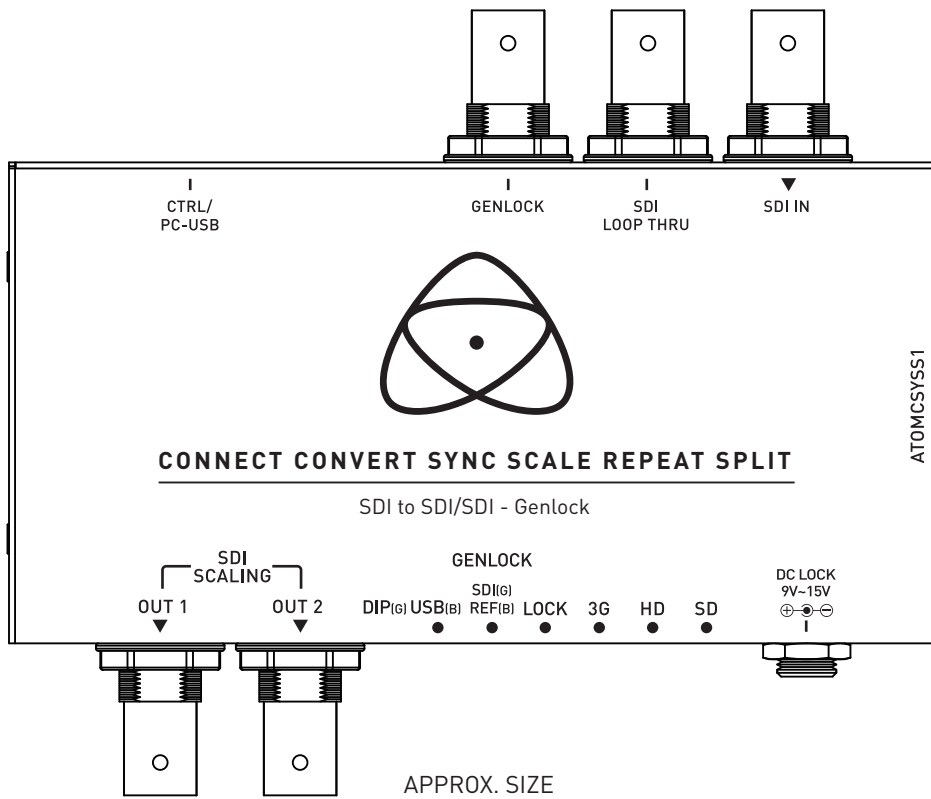




ATOMCSY-SS1

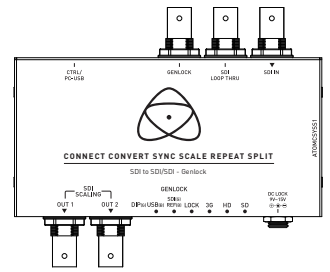
CONNECT CONVERT SYNC SCALE REPEAT SPLIT

SDI TO SDI/SDI - GENLOCK



CONNECT CONVERT SYNC SCALE REPEAT SPLIT

SDI TO SDI/SDI - GENLOCK

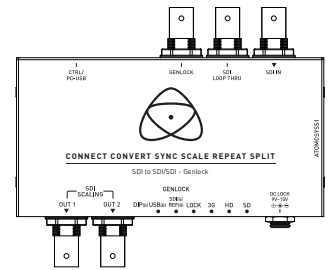


CONNECT SYNC SCALE SDI TO SDI	
FEATURES	Built-In Up/Down Conversion Engine
	Supports Reference Input for Genlock
	Auto Source Format Detection (3G/HD/SD)
	High Quality SDI Re-Clock Engine (Up to 3G-SDI)
	DIP Switch control for Video Mode and Configuration
	Custom Regions of interest selection with dot by dot or full screen scaling
	ConnectOS, PC Application for USB Control and added Settings
	Test pattern output with multiple pattern options
	Text Label output with input & output resolutions / framerate
	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	123mm x 22mm x 63.6mm (W x H x D)
	153mm (W inc. detachable rack ears)
	287.8g (single unit)
	310g (inc. detachable rack ears)
	22.2g (detachable rack ears only)
REF-IN INPUT	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.
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
	SDI OUTPUT
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	
AUDIO INPUT	
AUDIO OUTPUT	SDI embedded audio (LPCM, Max. 8 ch, fs = 48 kHz)
INPUT TERMINALS	SDI×1 - SD-SD (I SMPTE 259 M) HD-SD (I SMPTE 292 M) 3G-SDI (SMPTE 424 M / SMPTE 425 M) Level A only
	REF×1 (Black Burst, Tri-Level Sync)
OUTPUT TERMINAL	2 x Up/Down Converted SDI
	1 x SDI loop through

ATOMCSY-SS1

CONNECT CONVERT SYNC SCALE REPEAT SPLIT

SDI TO SDI/SDI - GENLOCK



SUPPORTED VIDEO OUTPUT FORMAT	Re-Clocked and Amplified SDI Port
	As Input SDI Format
	Up/Down Converted SDI Port
	1080p60/50, 1080i60/50, 1080p30/25/24, 720p60/50
	1080p59.94, 1080i59.94, 720p59.94, 1080p29.97, 1080p23.98
525i, 625i	
GENLOCK FRAME LOCK MODE	Free-Run, External Sync Input
SUPPORTED AUDIO FORMAT	Up to 8 Channels, 24bit, 48KHz
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]