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S-4601 | HDMI to SDI Converter



- > Portable HDMI to 3G/HD/SD-SDI Converter
- > 1 HDMI input, 2 SDI output, 1 analog audio input
- > Embed HDMI audio into SDI output
- > Embed Analog audio into SDI output
- > Power/input/output status indicator
- > Pole-tap 6-18V DC power input
- > Heavy duty aluminium housing
- > Bottom screw threads for installing



MSRP Ex TAX / Shipping

Features | Specifications | Download | What's in box | Optional accessory | Related

Portable Mini Converter

HDMI to SDI

S-4601 is a mini converter for HDMI to SDI conversion, widely used on broadcasting the HDMI video source, supports up to 1080p 50/60 HDMI converted to 3Gb/s SDI.



Input and Output

S-4601 offers:
 1x HDMI Type-A input
 2x 3G/HD/SD-SDI output (Reclocked)
 1x 3.5mm audio input
 (The HDMI to SDI supports the same format conversion only.)
 S-4601 features low SDI jitter and SDI re-clocking so that you can use the longest SDI cable lengths and maintain pristine quality images.



Embed HDMI/Analog audio into SDI output

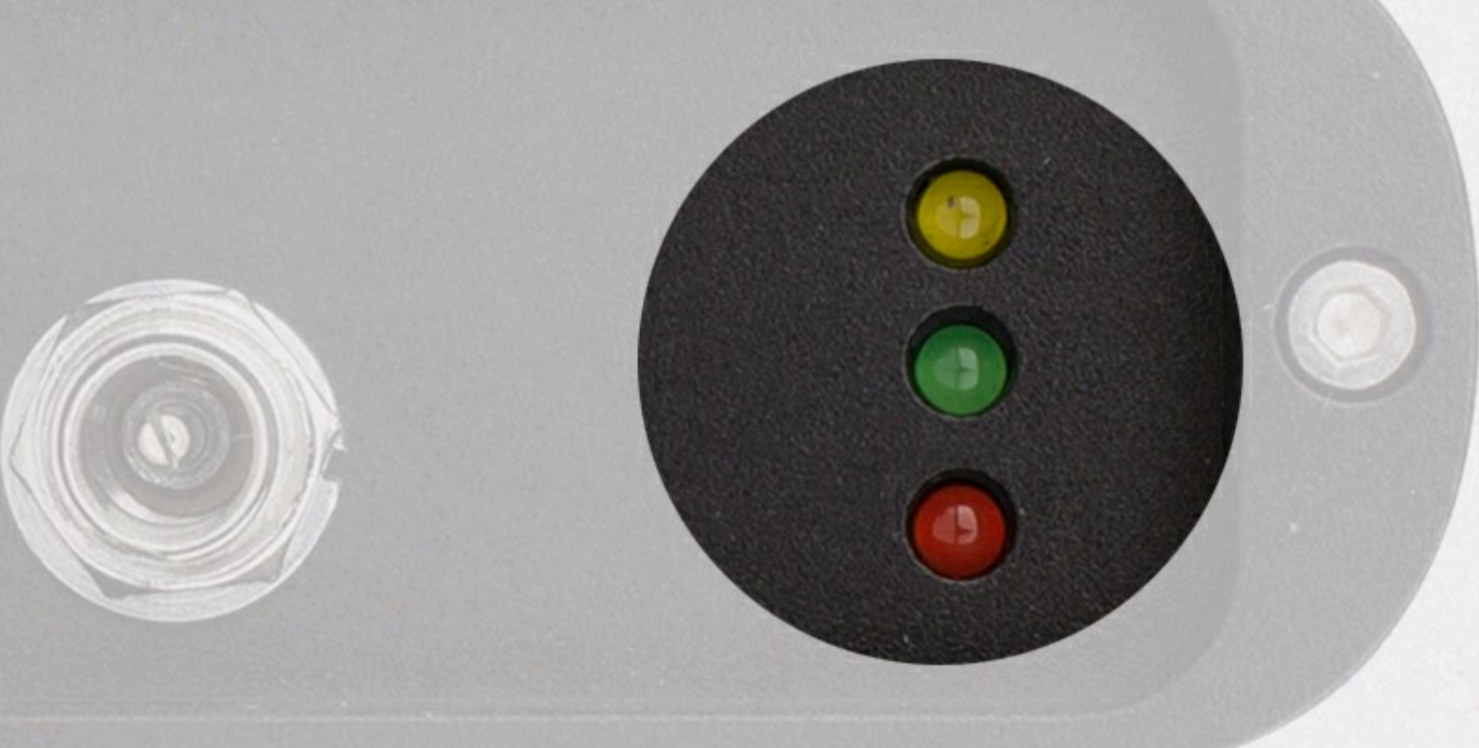
The HDMI audio ch-1 & ch-2 can be embedded into SDI to output. And when there's analog audio input via 3.5mm socket, the stereo analog audio can be embedded into SDI to output. The audio supports 48kHz sample rate.



Status Indicators

Power / Input / Output

S-4601 provides 3 LED indicators, to check if the power is connected, and if the input/output signal is delivered.



Power Supply

The mini converter is powered by pole-tap DC socket. The package includes an AC-DC power adaptor, and you can also connect DC cable from 6-18V batteries.



Heavy Duty Housing

The S-4601 mini converter adopts unibody aluminium alloy housing, strong for field using and protects the BNC connectors effectively.



Installation

S-4601 provides the bottom 1/4-inch screw threads for fixing on cameras, and an installing plate is supplied in the package, for fixing on wall and binding the BNC/HDMI cables.



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S-4601

Portable HDMI to SDI converter

SWIT®

■ Introduction:

The S-4601 is a portable HDMI to 3G/HD/SD-SDI converter. It supports HDMI audio embedded into SDI output, and analog audio (3.5mm socket) input, embedded into SDI output.

The S-4601 is heavy duty housing design, protecting the BNC connectors well, and supplied various screw threads in the bottom, for convenient installing, and future accessories (battery mount, etc)



■ Specifications:

Input/Output		
Input	HDMI × 1	HDMI input
	3.5mm × 1	Analog audio input
Output	BNC × 2	Converted 3G/HD/SD-SDI output

Video Format		
SDI	SMPTE-425M	1080p (60 / 59.94 / 50)
	SMPTE-274M	1080p (30 / 29.97 / 25 / 24 / 23.98)
		1080i (60 / 59.94 / 50)
	SMPTE-RP211	1080psf (30 / 29.97 / 25 / 24 / 23.98)
	SMPTE-296M	720p (60 / 59.94 / 50)
	ITU-R BT.656	576i (50)
HDMI	SMPTE-125M	480i (59.94)
		480i / 576i
		1080i (60 / 59.94 / 50)
		720p (60 / 59.94 / 50)
		1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98)
Audio		48KHz Sync

General	
Power	≤ 3W
Working Voltage	DC 6-18V
Working Environment	Temperature: 0°C-+70°C, Humidity:10%-90%
Dimensions	98 × 84 × 29 mm
Net weight	210g

■ Features:

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- ◆ Heavy duty aluminium housing
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Distributed by:



Power (P)
Status (S)
SDI Locked (L)

SWIT
S-4801

HDMI to SDI

DC 12V

▶ AUDIO IN

▶ HDMI IN

▶ 3G/HD/SD
SDI OUT2

▶ 3G/HD/SD
SDI OUT1





◀ AUDIO IN

Power (R)
Status (G) ▶
SDI LOCK (Y)

◀ HDMI IN

SWIT®

S-4601

DC 12V ▶
⊖ — ⊕

HDMI to SDI

◀ 3G/HD/SD
SDI OUT2

◀ 3G/HD/SD
SDI OUT1

◀ SDI OUT1
3G/HD/SD

▶ AUDIO IN