



S-4601 HDMI to SDI converter

USER MANUAL

SWIT Electronics Co., Ltd.

Tel:+86-25-85805753
Fax:+86-25-85805296
<http://www.swit.cc>
E-mail: contact@swit.cc

1. Characteristics

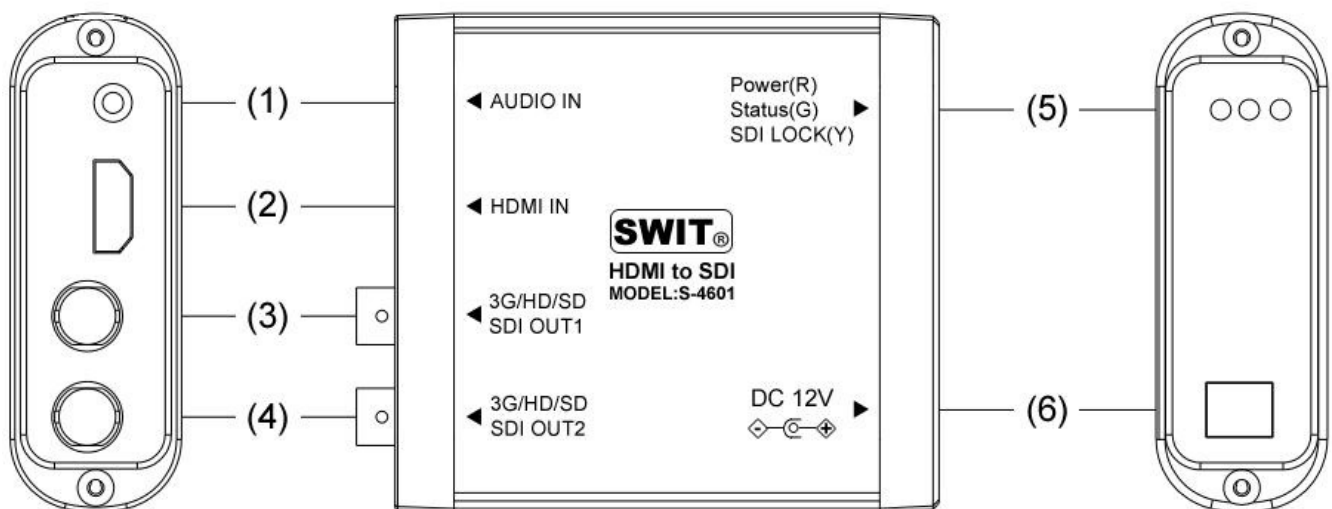
- ◆ Portable HDMI to 3G/HD/SD-SDI converter
- ◆ 1 HDMI input, 1 analog audio (3.5mm) input and 2 SDI output
- ◆ Embed HDMI audio to SDI output
- ◆ Embed analog audio to SDI output
- ◆ HDCP 1.1 supported

2. Product View

Left side view

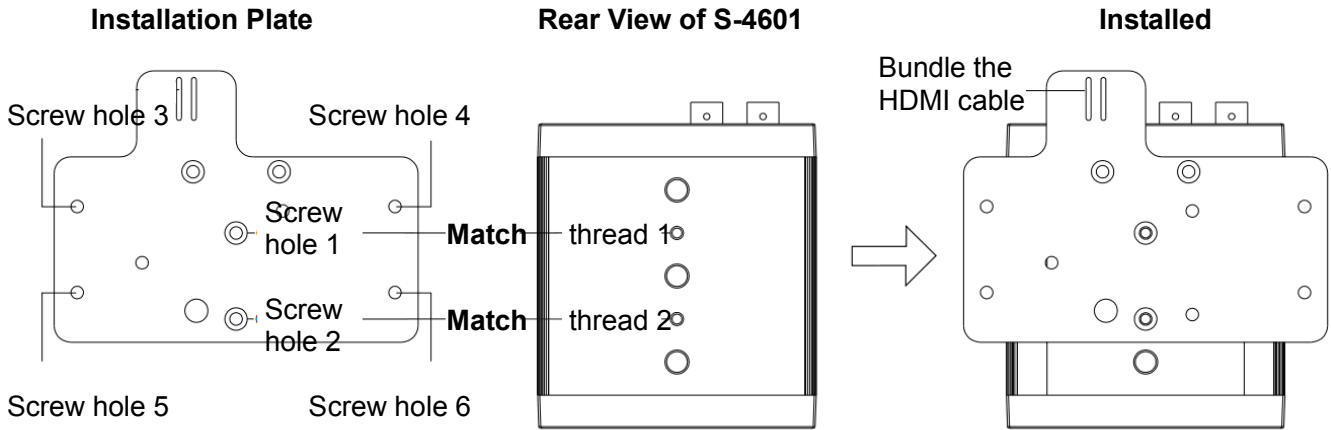
Front view

Right side view



- (1) **AUDIO IN:** Analog audio input (3.5mm)
- (2) **HDMI input**
- (3) **SDI OUT1:** 3G/HD/SD-SDI output (BNC)
- (4) **SDI OUT2:** 3G/HD/SD-SDI output (BNC)
- (5) **LED status indicator**
- (6) **DC 12V:** 5.5mm pole DC input

3. Installation Plate



Match the screw holes 1&2 with the threads 1&2 of S-4601, and fix the installation plate to the S-4601 by the supplied screws. HDMI cable can be bundled onto the installation plate. The screw holes 3, 4, 5, 6 are used to install S-4601 to wall or racks.

4. Indicators and Switchers

- (1) Power (Red): Power indicator
- (2) Status (Green): Status indicator, lights on when there's HDMI input recognized
- (3) SDI LOCK (Yellow): SDI indicator, lights on when there's SDI output

5. Specifications

Input	HDMI(1.3)×1, Analog audio (3.5mm)×1		
Output	3G/HD/SD-SDI×2		
Video Format	HDMI	480i / 576i / 720p (60 / 59.94 / 50) / 1080i (60 / 59.94 / 50) / 1080p (60 / 59.94 / 50 / 30 / 29.97 / 25 / 24 / 23.98)	
		SDI	SMPTE-425M
	SMPTE-274M		1080p (30 / 29.97 / 25 / 24 / 23.98)
			1080i (60 / 59.94 / 50)
	SMPTE-296M		720p (60 / 59.94 / 50)
	ITU-R BT.656	576i (50)	
SMPTE-125M	480i (59.94)		
Audio Format	48KHz sync		
Power	≤3W		
Working Voltage	DC 6-18V		
Working Environment	Temperature: 0℃-+70℃, Humidity:10%-90%		
Dimension	98.5×84.15×29 mm		
Net weight	210g		

6. Maintenance

1. Please do not disassemble the product by yourself.
2. Keep the product away from rain or moisture.
3. Please use the provided power adapter and if you use third party power adapter, please make sure the voltage range, supplied power, and polarity of power lead are fit.