

# SWIT®

## S-4612 DVI to SDI converter

Ver:V1.0V02

# USER MANUAL

## SWIT Electronics Co.,LTD.

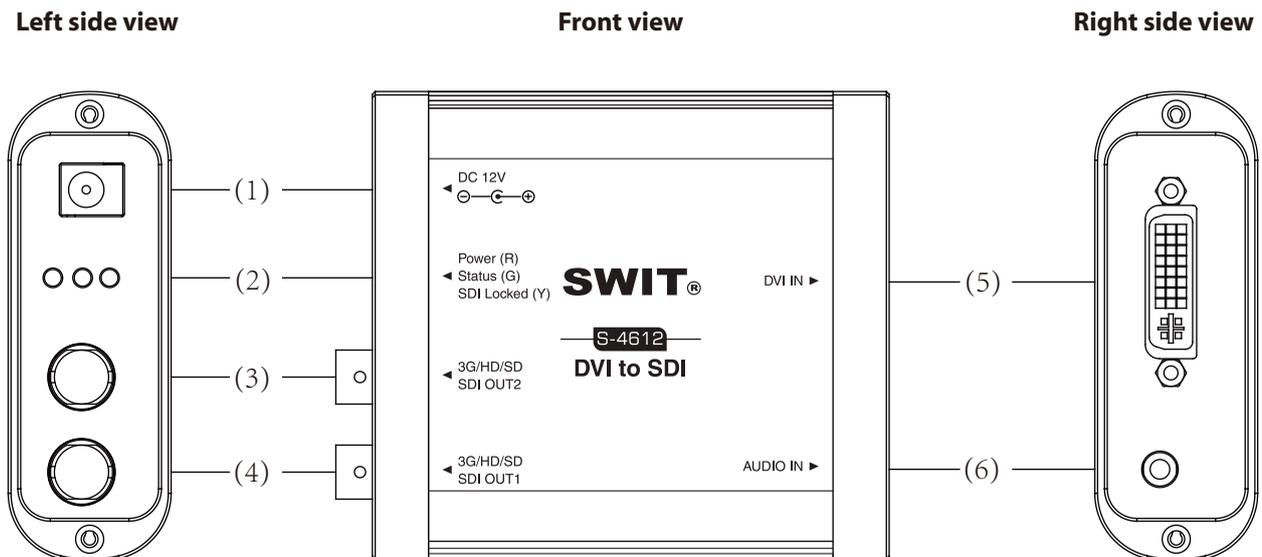
Tel:+86-25-85805753  
Fax:+86-25-85805296  
<http://www.swit.cc>  
E-mail: [contact@swit.cc](mailto:contact@swit.cc)

Congratulations on your purchase of this product. Please read this user manual carefully.

### Characteristics

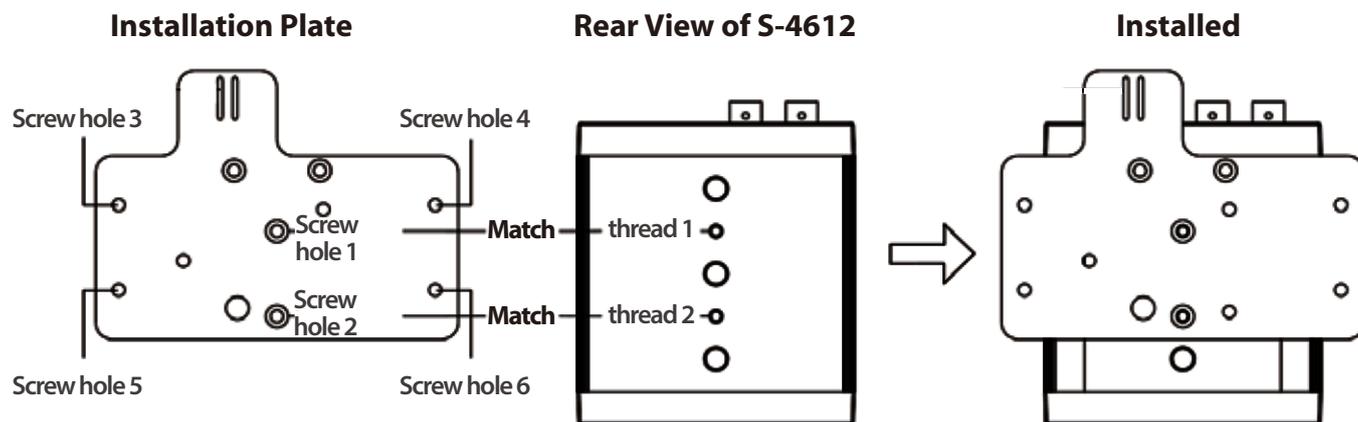
- ◆ Portable DVI to 3G/HD/SD-SDI converter
- ◆ 1 DVI input, 1 analog audio (3.5mm) input and 2 SDI output
- ◆ Embed analog audio to SDI ch-1 & ch-2 audio output
- ◆ Heavy duty aluminium housing and bottom screw threads for installation

### Product View



- (1) **DC 12V**: 5.5mm pole DC input
- (2) **LED status indicator**
  - Power (red): light up when power is connected
  - Status (green): light up when DVI port connected and input signal is recognized
  - SDI Locked (Yellow): light up when SDI output signal is recognized
- (3) **3G/HD/SD SDI OUT2**: SDI output (BNC)
- (4) **3G/HD/SD SDI OUT1**: SDI output (BNC)
- (5) **DVI IN**: DVI input (DVI-D, 18+1)
- (6) **AUDIO IN**: Analog audio input (3.5mm)

## Installation Plate



Match the screw holes 1&2 with the threads 1&2 of S-4612, and fix the installation plate to the S-4612 by the supplied screws. The screw holes 3, 4, 5, 6 are used to install S-4612 to wall or racks.

## Specifications

Input	DVI×1, Analog audio (3.5mm)×1		
Output	3G/HD/SD-SDI×2		
Video Format	DVI	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°C, Humidity: 10%-90%		
Dimension	98.5×84.2×29 mm		
Net weight	207g		

## 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.