

SDI /HDMI Cross Converter

SC2030



SC2030 is an exquisite and professional cross converter to convert between SDI and HDMI signal. The format of the output can realize up/down scaling and frame rate conversion. It also features analog audio embedding. All the functions can be easily set by a built-in DIP switches or PC via micro USB. SC2030 is your ideal choice for broadcasting and AV post production applications.

Connections

Video Input

1×SD/HD/3G-SDI
1×HDMI type A

Video Output

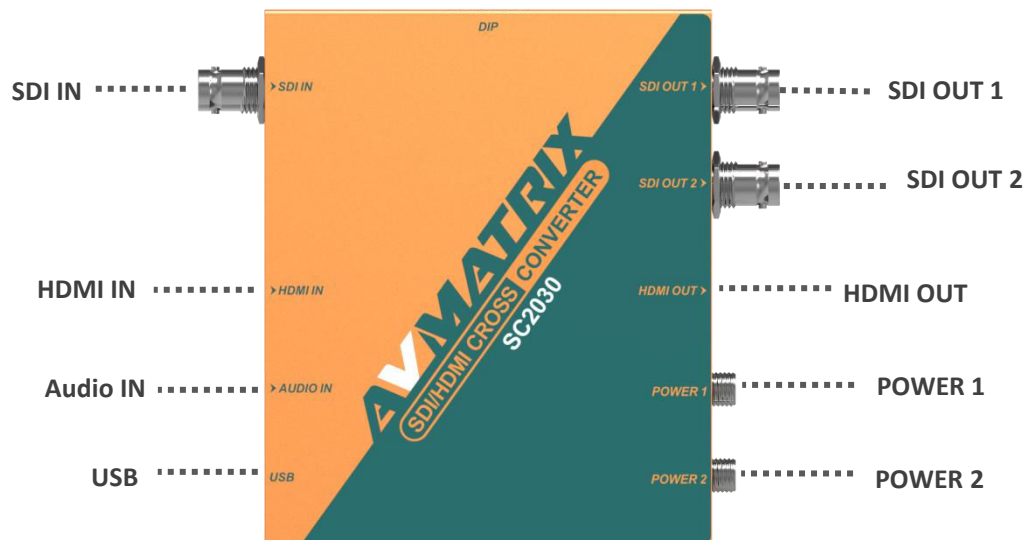
2×SD/HD/3G-SDI
1×HDMI type A

Analog Audio Input

1×1/8" (3.5mm) jack

Updates

Micro USB



Standards

HDMI Input Format Support

1080p 60/59.94/50
1080p 30/29.97/25/24/23.98/23.976
1080i 60/59.94/50
720p 60/59.94/50
720p 30/29.97/25/24/23.98
576p 50,576i 50
480i 60/59.94

HDMI Color Space and Precision

RGB 4:4:4
YUV 4:2:2
YUV 4:4:4

SDI Input Format Support

1080p 60/59.94/50 (Level A&B)
1080p 30/29.97/25/24/23.98
1080PsF 30/29.97/25/24/23.98
1080i 60/59.94/50
720p 60/59.94/50
720p 30/29.97/25/24/23.98
625i 50, 525i59.94

SDI Color Space and Precision

YUV 4:2:2

SDI Video Rate

SD/HD/3G-SDI

SDI/HDMI Output Format Support

1080p 60/59.94/50
1080p 30/29.97/25/24/23.98
1080i 60/59.94/50
720p 60/59.94/50

SDI Compliance

SMPTE 292M
SMPTE 259M
SMPTE 424M

Power

Power

Micro USB
Threaded locking connector

Power Consumption

4W

Voltage Range

USB 5V
DC 6-23V

Physical Specifications

Dimension

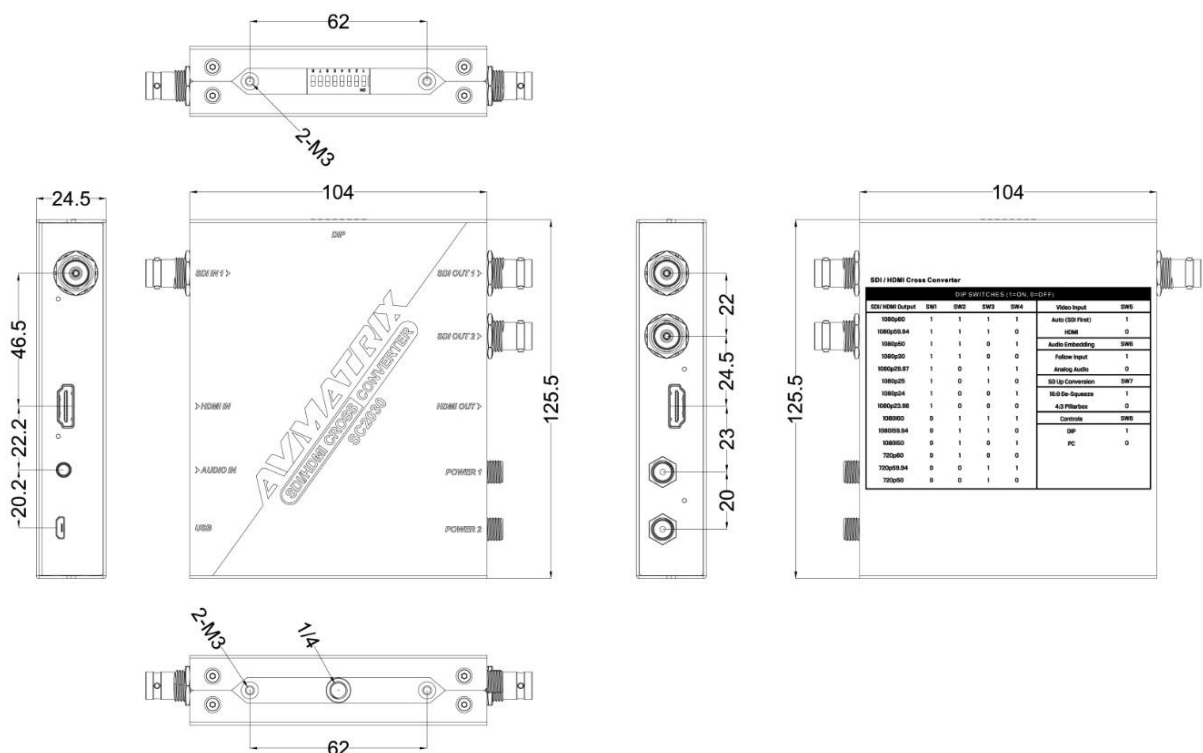
125.5×104×24.5mm

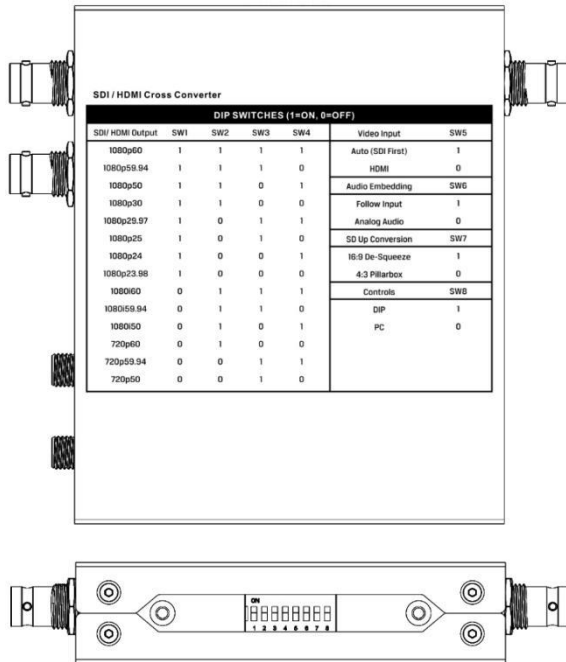
Net Weight

485g

Gross Weight

1270g





Dip Switches

SDI /HDMI Cross Converter's Dip Switches provide the following settings (1=ON, 0=OFF):

1. DIP SW 1-4 - SDI/HDMI Output Format

Set switches to realize up/down scaling and frame rate conversion of output.

SDI/HDMI Output	SW1	SW2	SW3	SW4
1080p60	1	1	1	1
1080p59.94	1	1	1	0
1080p50	1	1	0	1
1080p30	1	1	0	0
1080p29.97	1	0	1	1
1080p25	1	0	1	0
1080p24	1	0	0	1
1080p23.98	1	0	0	0
1080i60	0	1	1	1
1080i59.94	0	1	1	0
1080i50	0	1	0	1
720p60	0	1	0	0
720p59.94	0	0	1	1
720p50	0	0	1	0

2. DIP SW 5 Video Input

Set switches to select video input signal of SDI or HDMI, when both SDI and HDMI are connected, SDI takes priority.

3. DIP SW 6 Audio Embedding

Set switches to realize embedding audio from input (SDI/HDMI) or analog audio to output.

4. DIP SW 7 - SD Up Conversion

Set switches to set the video aspect ratio of SD format up converting.

5. DIP SW 8- Controls

Set switches to select controls between DIP and PC software.

Environmental Specifications

Operating Temperature

-20°C~60°C

Storage Temperature

-30°C~70°C

Relative Humidity

0%~90% non-condensing

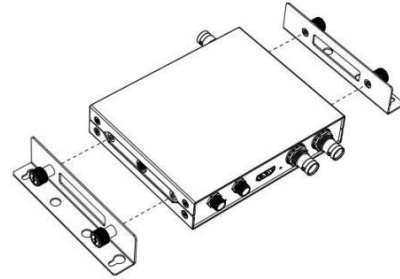
What's Included

SC2030 (SDI/HDMI Cross Converter)

2pcs Mounting Brackets

DC 12V Universal Power Supply with International Socket Adapters

Mounting Diagram



Warranty

3 Year Limited Manufacturer's Warranty

✧ Note: due to constant effort to improve products and product features, specifications may change without notice.