

12G-SDI to HDMI2.0 Broadcast Converter

SC1112-12G



SC1112-12G is an exquisite and portable 12G-SDI to HDMI2.0 converter. With USB Type-C power supply, SC1112-12G is the best choice for outdoors and indoors. With 12G-SDI input and 12G-SDI loop-out, SC1112-12G can auto detect HD/3G/6G/12G-SDI signal up to 4K@60, and support both Level A and Level B. HDMI output is compatible for more consumer electronics such as HDMI Television, projector, VCR, etc.

Connections

SDI Video Input

1×HD/3G/6G/12G-SDI(75Ω BNC)

Multi Rate Support

Auto Detect HD/3G/6G/12G-SDI

Power LED

Power indicator

SDI Video Loop Output

1×HD/3G/6G/12G-SDI(75Ω BNC)

USB Type-C

Power and software update

SDI LED

SDI input signal indicator

HDMI Video Output

1×HDMI A



Standards

SDI input Format Support

- (12G) 4096x2160p 60/59.94/50
- (12G) 3840x2160p 60/59.94/50
- (6G) 4096x2160p 30/29.97/25/24/23.98
- (6G) 3840x2160p 30/29.97/25/24/23.98
- (3G level-A) 1920x1080p 60/59.94/50
- (3G level-B) 1920x1080p 60/59.94/50
- (HD) 1920x1080p 30/29.97/25/24/23.98
- (HD) 1920x1080i 60/59.94/50
- (HD) 1920x1080Psf 30/29.97/25/24/23.98
- (HD) 1280x720p 60/59.94/50/30/29.97/25/24/23.98

SDI Color Space and Precision

YCbCr 4:2:2 10bit

SDI Compliance

- SMPTE ST-2081, SMPTE ST-2082,
- SMPTE 292M, SMPTE 296M,
- SMPTE 424M-B, SMPTE 274M,
- SMPTE 425M

SDI Auto Switching

- Auto
- selects HD/3G/6G/12G-SDI
- on input

SDI Video Rate

HD/3G/6G/12G-SDI

HDMI output Format Support

(4K) 4096x2160p 60/59.94/50/30/29.97/25/24/23.98
 (4K) 3840x2160p 60/59.94/50/30/29.97/25/24/23.98
 (HD) 1920x1080p 60/59.94/50/30/29.97/25/24/23.98
 (HD) 1920x1080i 60/59.94/50/48/47.98
 (HD) 1280x720p 60/59.94/50/30/29.97/25/24/23.98

HDMI Color Space and Precision

RGB 4:4:4 8bit
 YCbCr 4:2:2 8bit, 10bit, 12bit
 YCbCr 4:4:4 8bit

HDMI Compliance

CTA-861-G

Power

Power

USB Type-C

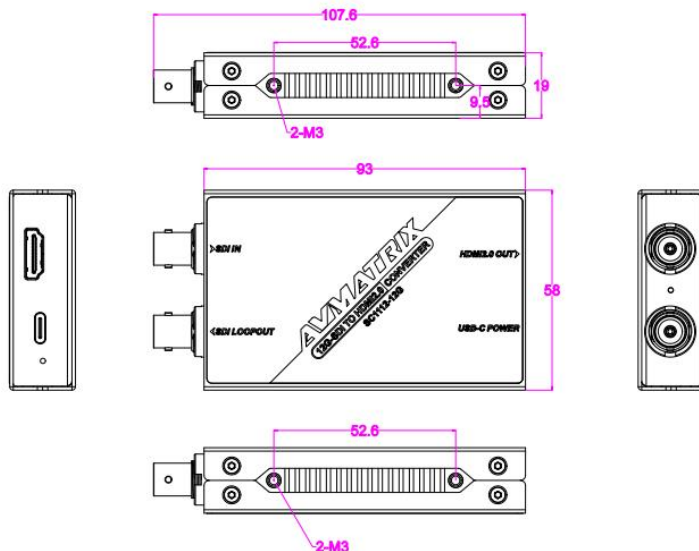
Power Consumption

≤4.5W(5V 0.9A)

Voltage Range

5V

Physical Specifications



Dimension

107.6×58×19mm

Net Weight

235g

Gross Weight

445g

Environmental Specifications

Operating Temperature

0°C~60°C

Storage Temperature

-20°C~70°C

Relative Humidity

0%~90% non-condensing

What's Included

- SC1112-12G
- 5V 2A Special Power Adapter
- USB2.0 A-C Cable
- Detachable bracket (Optional)

Warranty

3 Year Limited Manufacturer's Warranty

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