



HDMI2.0 to 2G-SDI Broadcast Converter

SC1221-12G

SC1221-12G is an exquisite and portable HDMI2.0 to 12G-SDI converter. With USB Type-C power supply, SC1221-12G is the best choice for indoors and outdoors. It adopts a type A HDMI2.0 input and dual 12G-SDI outputs, supporting a conversion of resolution signal of 4K60 to professional 12G-SDI signal. Different video rate of HD/3G/6G/12G-SDI is selectable for SDI output.

Connections

HDMI Video Input

1×HDMI2.0 A

12G-SDI Video Output

2×HD/3G/6G/12G-SDI(75Ω BNC)

Power LED

Power indicator

HDMI2.0 Video Loop Output

1×HDMI2.0 A

USB Type-C

Power and software update

HDMI LED

HDMI input signal indicator



Standards

HDMI in and 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
- (HD) 1280x720p 60/59.94/50/30/29.97/25/24/23.98

HDMI Compliance

CTA-861-G

HDMI Color Space and Precision

- (4K) RGB 4:4:4 8bits
- (4K) YCbCr 4:2:2 8bits, 10bits, 12bits
- (4K) YCbCr 4:4:4 8bits
- (4K) YCbCr 4:2:0 8bits, 10bits, 12bits
- (HD) RGB 4:4:4 8bits, 10bits, 12bits
- (HD) YCbCr 4:2:2 8bits, 10bits, 12bits
- (HD) YCbCr 4:4:4 8bits, 10bits, 12bits
- (HD) YCbCr 4:2:0 8bits, 10bits, 12bits

SDI output 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
- (HD) 1920x1080p 60/59.94/50/30/29.97/25/24/23.98
- (HD) 1920x1080i 60/59.94/50
- (HD) 1280x720p 60/59.94/50/30/29.97/25/24/23.98

SDI Compliance

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

SDI Color Space and Precision

YCbCr 4:2:2 10bits

Power

Power

USB Type-C

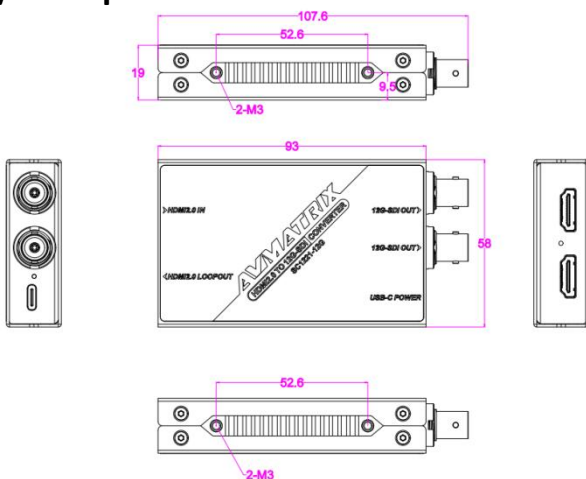
Power Consumption

≤6.5W(5V 1.3A)

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

- SC1221-12G
- 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.