

# HDMI2.0 TO 12G-SDI 4K BR@DCAST CONVERTER

Effortlessly converting 4K broadcast quality, bringing every frame to life with unmatched clarity.



**SC1221-12G**

Model No.:



Up to 4K 60Hz



HDMI2.0 to 12G-SDI



Power over USB-C



Auto-detect

## Convert HDMI2.0 to 12G-SDI



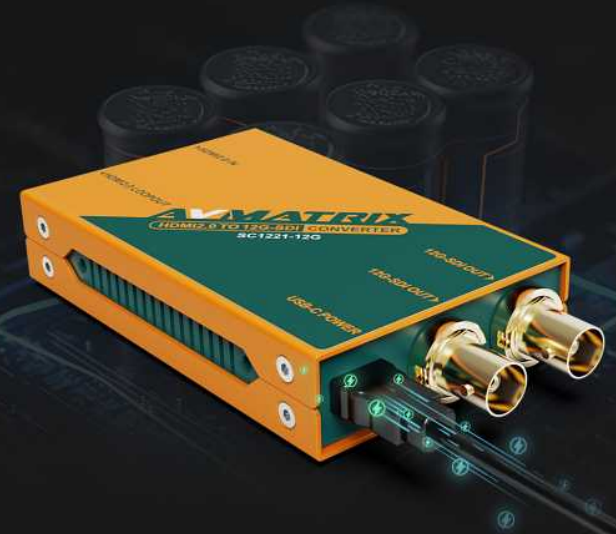
## HDMI In and Loop-out



## Up to 4K60 Resolution



## USB Type-C Powered Anywhere



## Widespread Application



## Detachable Bracket (Optional)





# Convert HDMI2.0 to 12G-SDI

Broadcast Converter with No Latency

Comes with one 4K HDMI input and two 12G-SDI outputs, supporting video formats-HD/3G/6G/12G-SDI. It can realize the signal conversion from HDMI to SDI without any delay. And there are two SDI outputs to meet the needs of multiple devices monitoring the same picture at the back-end.



# HDMI2.0 In and Loop-out

The converter has a 4K HDMI loop-out that can transmit the 4K HDMI video to an additional display. There are also 2 SDI outputs for users to monitor simultaneously.



# 4K60 Resolution Support

4k Ultra HD Quality

The converter features advanced auto-detection technology, seamlessly matching your HDMI input to the SDI output. It supports a wide range of input and output resolutions, including crystal-clear 4K@60 (4096\*2160).

**4096x2160**







## USB Type-C Power

Power Supply Anytime, Anywhere

Featured with USB Type-C 5V power, the converter can be powered by USB Type-C, getting power from power bank, power adapter. In addition to power supply, USB Type-C allows upgrading firmware and checking program version.

# Widespread Application

## Universal Industry Solution

The converter can be widely used in various field events, such as live broadcast, virtual studio, education, conference, and so on.



**Broadcast**



**Medical**



**Film Production**



**Conferences**



# SPECIFICATIONS

## INPUT

HDMI Video Input HDMI2.0x1

## OUTPUT

SDI Video Output HD/3G/6G/12G-SDIx2

HDMI Video Loop Output HDMI2.0x1

## SDI FORMATS

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

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

SDI Color Space and Precision YCbCr4:2:2 10bits

## HDMI FORMATS

HDMI Input Format  
 (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 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

HDMI Compliance CTA-861-G

## POWER

Power USB Type-C

Power Consumption ≤6.5W(5V 1.3A)

Voltage Range 5V

## OTHER

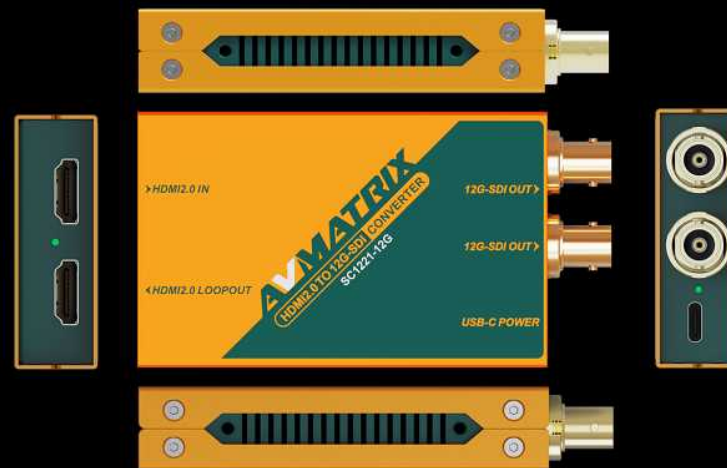
Dimension (LWD) 107.6x58x19mm

Weight 235g

Operating Temperature 0~60°C

Storage Temperature -20~70°C

Relative Humidity 0%~90% non-condensing



# ACCESSORIES

