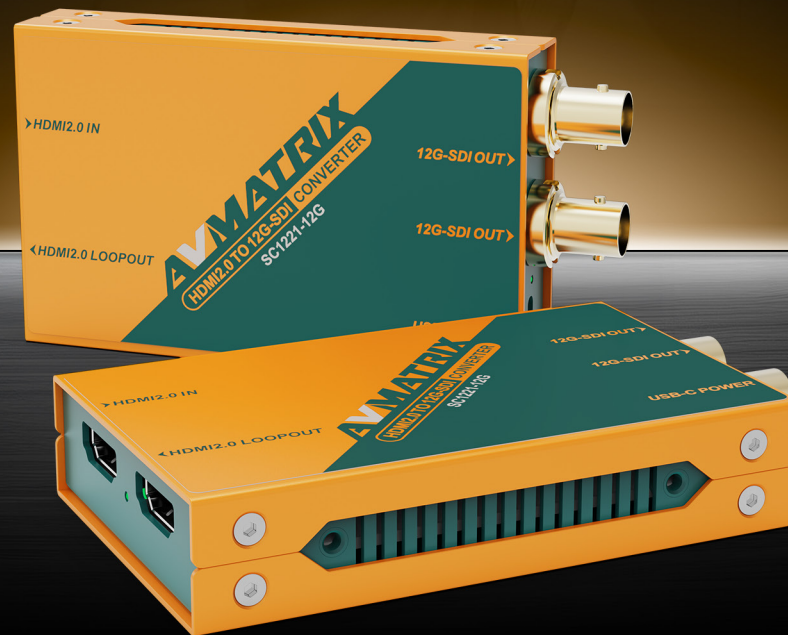


HDMI2.0 TO 12G-SDI 4K BR@DCAST CONVERTER

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



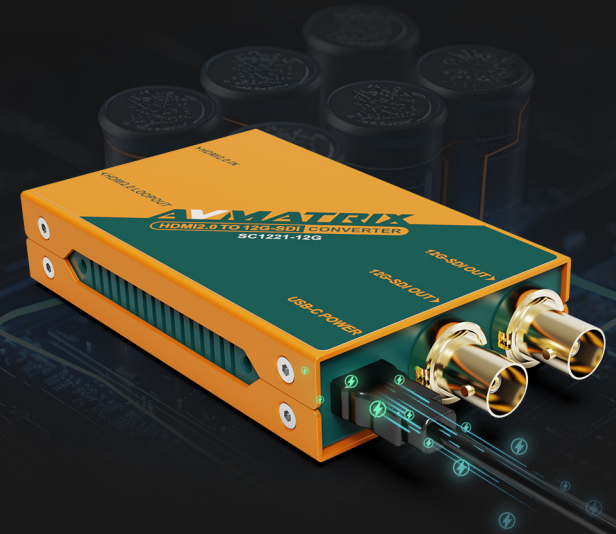
HDMI In and Loop-out



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.

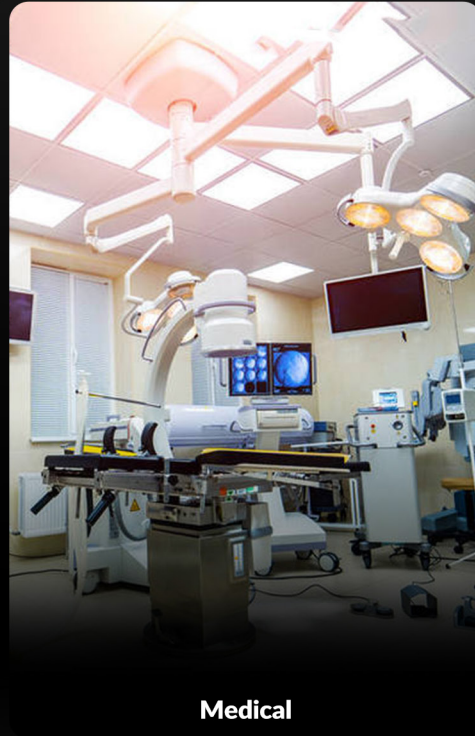
Widespread Application

Universal Industry Solution

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



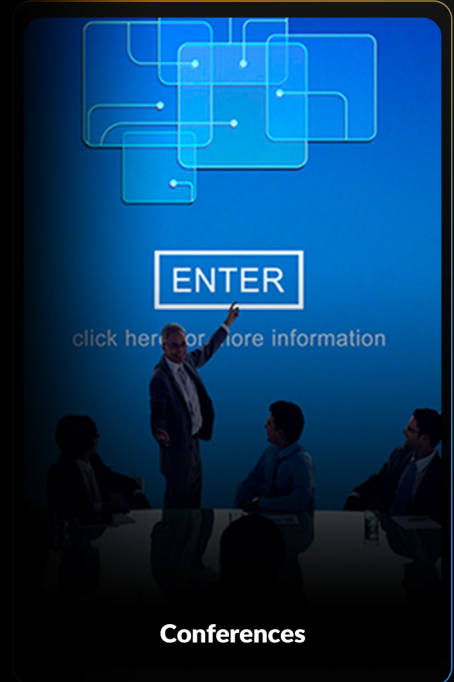
Broadcast



Medical



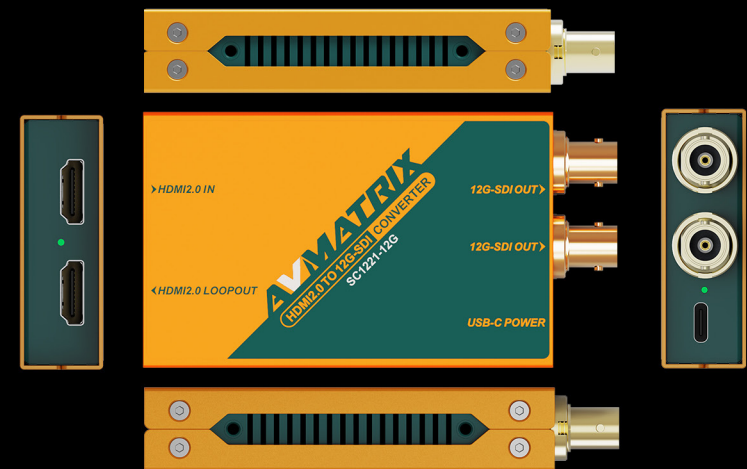
Film Production



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
SDI Video Rate	(HD) 1280x720p 60/59.94/50/30/29.97/25/24/23.98
	HD/3G/6G/12G-SDI
	SMPTE ST-2081, SMPTE ST-2082, SMPTE 292M, SMPTE 296M
SDI Compliance	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
	(4K) RGB 4:4:4 8bits
HDMI Color Space and Precision	(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
HDMI Compliance	(HD) YCbCr 4:2:0 8bits, 10bits, 12bits
	CTA-861-G
POWER	
Power	USB Type-C
Power Consumption	≤6.5W(5V 1.3A)
Voltage Range	5V
OTHER	
Dimension (LWD)	107.6×58×19mm
Weight	235g
Operating Temperature	0~60°C
Storage Temperature	-20~70°C
Relative Humidity	0%~90% non-condensing



ACCESSORIES

