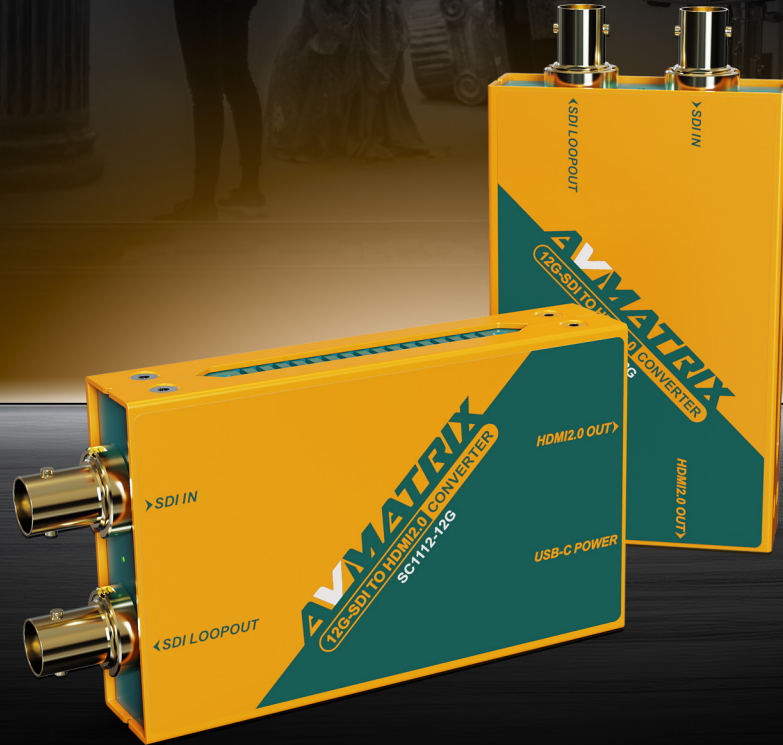


12G-SDI TO HDMI2.0 4K BR@DCAST CONVERTER

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



SC1112-12G

Model No.:



Up to 4K 60Hz



12G-SDI to HDMI2.0



Power over USB-C



Auto-detect

Convert 12G-SDI to HDMI2.0



12G-SDI Loop-out



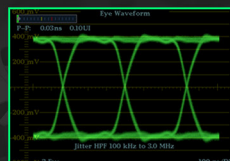
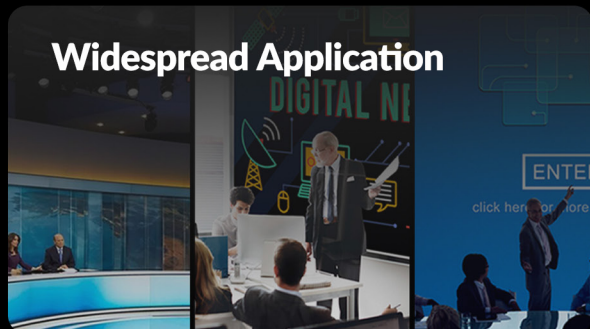
Up to 4K60 Resolution



USB Type-C Powered Anywhere



Widespread Application



SDI with Equalization and Re-clock



Convert 12G-SDI to HDMI2.0

Broadcast Converter with No Latency

This compact converter provides 12G-SDI and 4K HDMI interfaces, supporting HD/3G/6G/12G-SDI input formats. It enable direct conversion with unparalleled zero latency, making it the perfect choice for broadcast applications demanding uninterrupted, high-performance signal transmission.

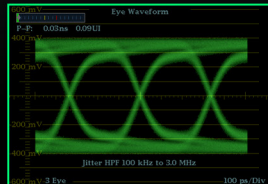
12G-SDI In and Loop-out

SDI with Equalization and Re-clock

The converter has a 12G-SDI loop-out that can transmit the SDI video to an additional display directly. It allows users to output to two screens simultaneously for monitoring.



Before Re-clocking



After Re-clocking



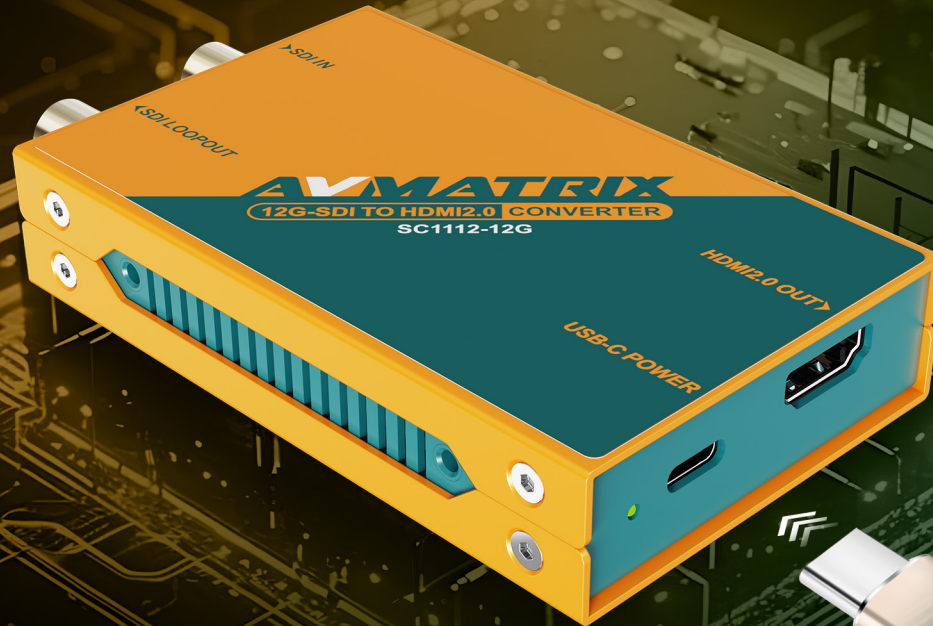
4K@60 Resolution Support

4k Ultra HD Quality

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

4096x2160





USB Type-C Power

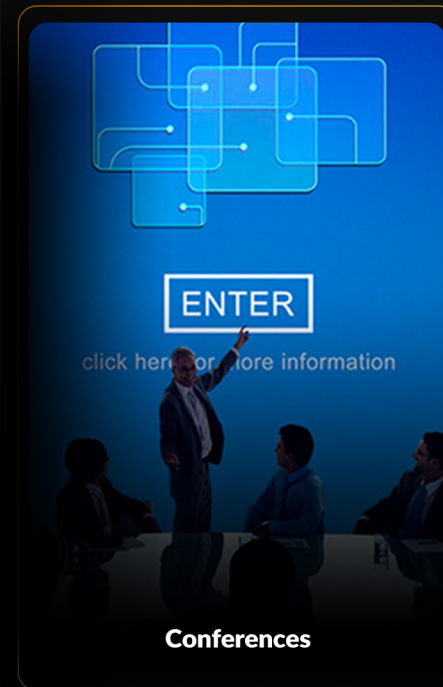
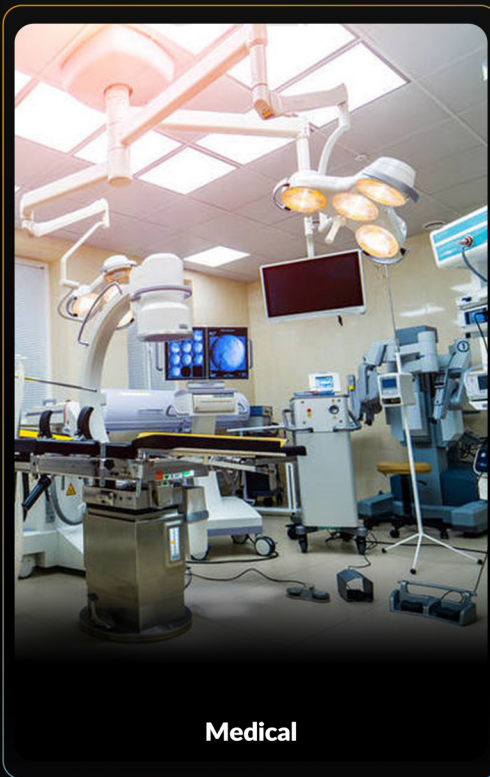
Power Supply Anytime, Anywhere

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

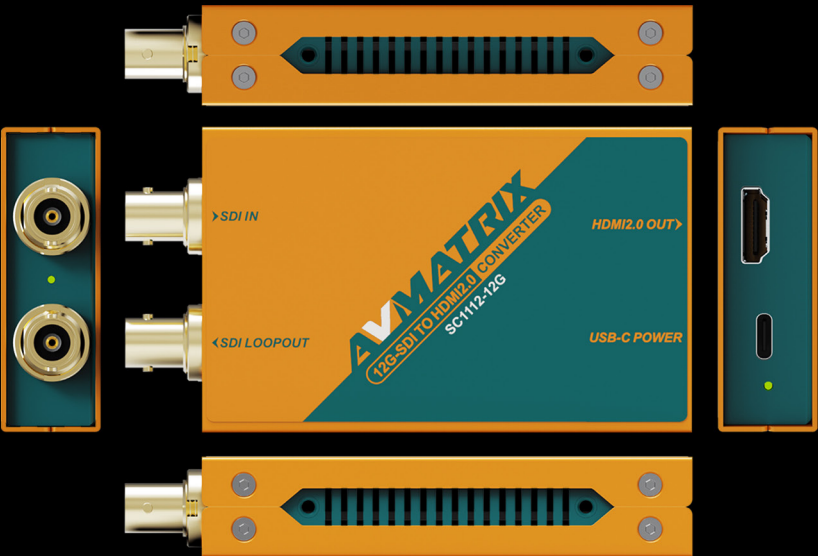
Universal Industry Solution

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



SPECIFICATIONS

INPUT	
SDI Video Input	HD/3G/6G/12G-SDI×1
OUTPUT	
SDI Video Loop Output	HD/3G/6G/12G-SDI×1
HDMI Video Output	HDMI2.0×1
SDI FORMATS	
SDI Input Format	(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 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	YCbCr 4:2:2 10bit
SDI Auto Switching	Auto selects HD/3G/6G/12G-SDI input
HDMI FORMATS	
HDMI Output 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 60/59.94/50/48/47.98
	(HD) 1280x720p 60/59.94/50/30/29.97/25/24/23.98
HDMI Color Space and Precision	RGB 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
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

