

MULTI-SIGNAL TO HDMI/SDI CONVERTER

Switch between signals with unmatched clarity and efficiency, revolutionizing your broadcasting capabilities.



Model No.:

SC7030



Multiple Signal
Source Inputs



HDMI/SDI Updown
and Cross Conversion



Easy Control
over DIP Switches



Analog Audio
Embedding



SDI/HDMI/DVI-I/VGA/
CVBS/S-VIDEO/YPbPr Input



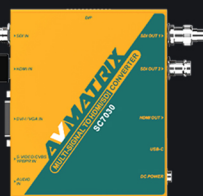
Two Parallel SDI Outputs
and HDMI Output



DIP Switches
and PC Software

Up/down Scaling and Frame Rate Conversion

720P30 ➤

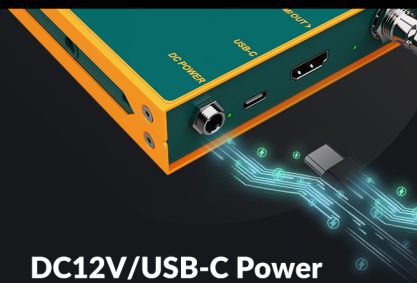


1080P60 ➤

Support up to 1080p60



Audio Embedding



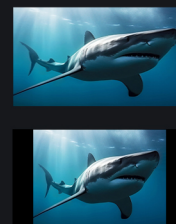
DC12V/USB-C Power



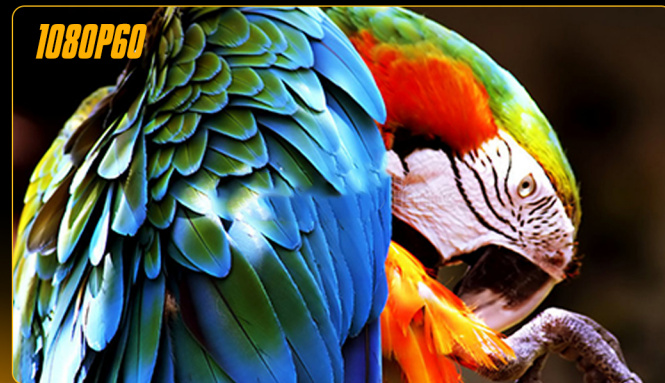
4/3



16/9



4:3/16:9 Aspect Ratio Conversion



Flexible Format Conversion

Up/Down Scaling, Frame Rate Conversion, Up to 1080p60Hz

The converter offers flexible format conversion with pass-through, up/down scaling, and frame rate conversion capabilities, supporting resolutions up to 1080p60.

All-In-One Conversion Solution

Multiple Input Interfaces

Experience the ultimate in video versatility. Our converter is equipped with a wide range of input, including SDI, HDMI, DVI-I, VGA, CVBS, S-Video, and YPbPr. Whether you're working with professional broadcast equipment or consumer electronics, this converter provides the flexibility you need.



SDI IN

Serial Digital Interface, commonly used in professional video production and broadcasting.



HDMI IN

High-Definition Multimedia Interface, supports high-definition video and audio signal transmission.



DVI-I/VGA IN

Transmit both analog (through conversion) and digital signals.



S-VIDEO/CVBS/ YPbPr IN

Traditional analog video interfaces
Widely used for video signal transmission.



AUDIO IN

Equipped with an external audio input
for connecting devices.



Output Flexibility

Dual SDI and HDMI Outputs

Simultaneously convert and split input signals into 2 SD-SDI outputs and 1 HDMI output.
Enjoy long-distance, lossless transmission of high-quality video signals.



3G-SDI

HDMI

Add Audio to Your Video

With Audio Embedding

Easily add the audio to your video content with our converter's external audio input. Embed analog audio or existing audio from input signals directly into the SDI and HDMI outputs.



16:9 Letterboxing



16:9 Stretched



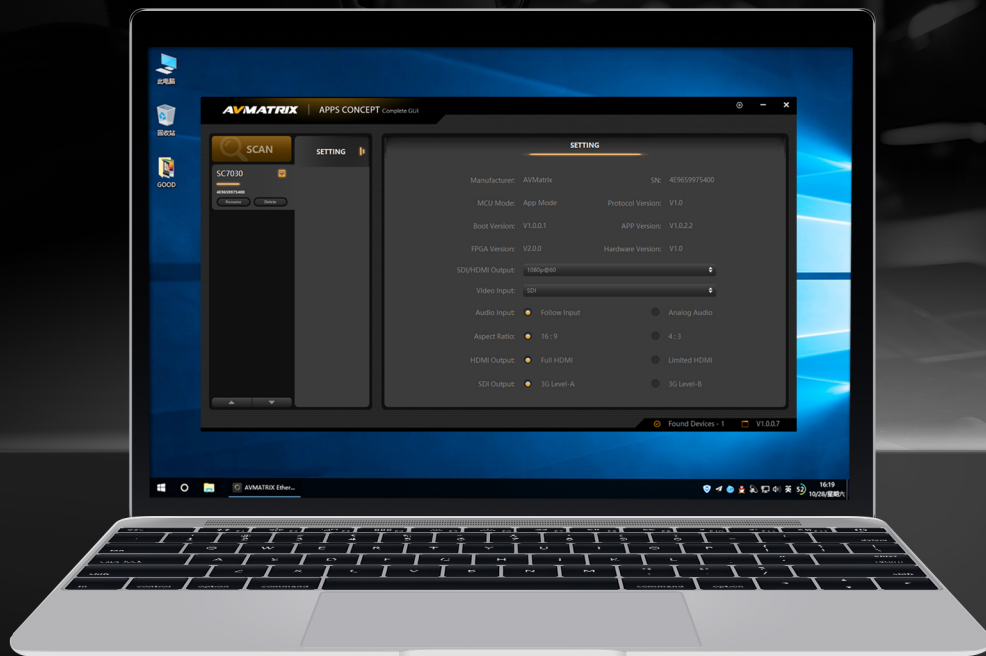
4:3 Letterboxing



Aspect Ratio Conversion

4:3/16:9 Letterbox and Stretch

Seamlessly shift from 4:3 to 16:9. Choose the elegant letterbox for authentic aspect ratios or opt for panoramic stretch for a full-screen takeover, ensures every visual transition is a perfect fit.



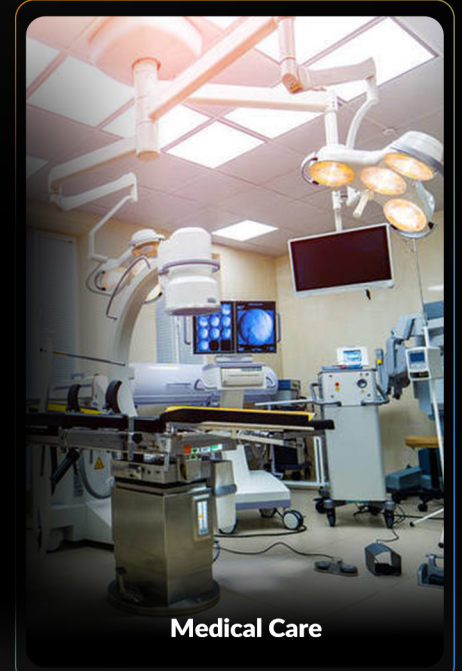
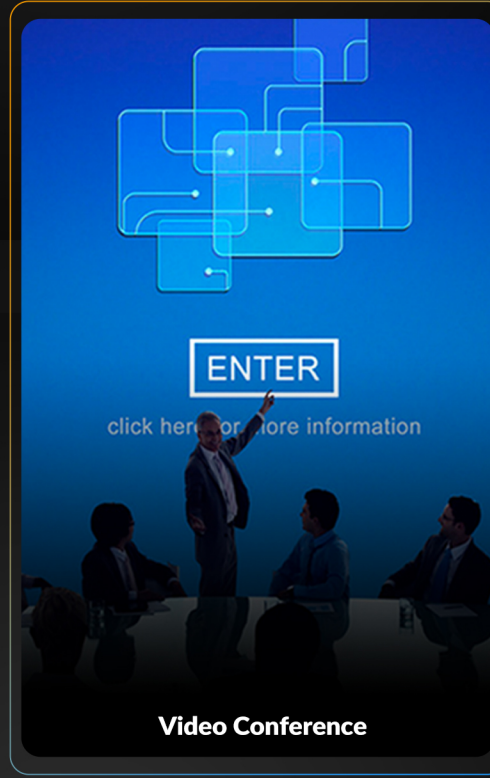
User-friendly Configuration

DIP Switches and PC Software

The converter offers user-friendly configuration options. Users can easily set input, output, and other parameters easily by DIP switches and remote control software.

Widespread Application

Wide range of applications, suitable for a variety of live broadcast occasions, such as medical, broadcasting, education, meetings and so on.



SPECIFICATIONS

CONNECTIONS

Video Input	1×SDI input
	1×HDMI input
	1×DVI-I / VGA input
	1×S-VIDEO/CVBS/YPBPR input
Audio Input	1×3.5mm (Analog audio input)
Video Output	2×SDI output , 1×HDMI output
USB	USB Type-C (For firmware update & power supply)

FORMAT

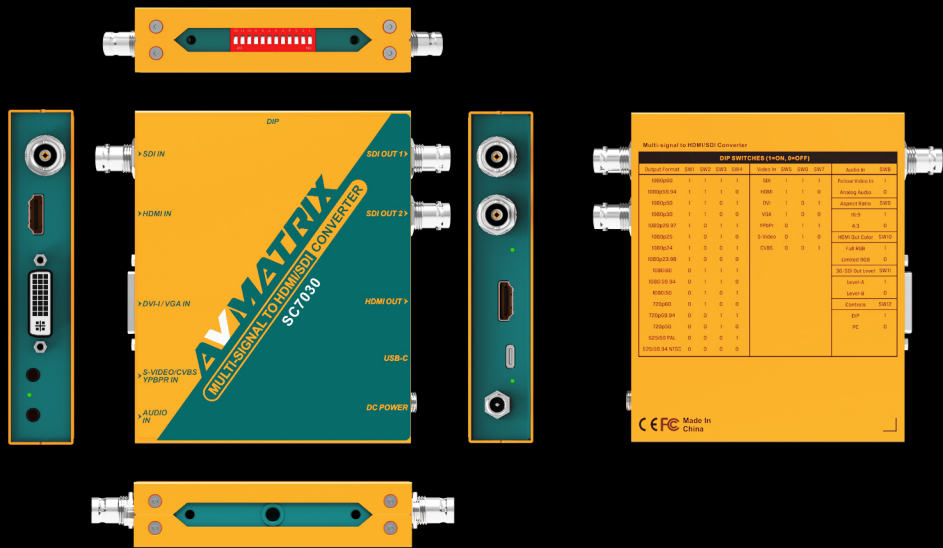
SDI & HDMI Output Format	1080p 60/59.94/50 (3G-SDI Support level-A & Level-B)
	1080p 30/29.97/25/24/23.98
	1080i 60/59.94/50
	720p 60/59.94/50
SDI Input Format	625i 50 PAL, 525i 59.94 NTSC
	(3G level-A) 1080p 60/59.94/50
	(3G level-B) 1080p 60/59.94/50
	(HD) 1080p 30/29.97/25/24/23.98
	(HD) 1080i 60/59.94/50
	(HD) 1080Psf 30/29.97/25/24/23.98
HDMI Input Format	(HD) 720p 60/59.94/50/30/29.97/25/24/23.98
	(SD) 525i 59.94, 625i 50
	1920×1080p 60/59.94/50/30/29.97/25/24/23.98
	1920×1080i 60/59.94/50
DVI-I/VGA Input Format	1280×768p 60
	1280×720p 60/59.94/50/30/29.97/25/24/23.98
	1920×1080/ 1680×1050/ 1600×900/ 1400×1050/1366×768/
	1280×768/ 1280×1024/ 1280×960/ 1280×800/ 1280×768/
YPBPR Input Format	1280×720/ 1280×600/ 1152×864/ 1024×768/ 800×600, Up to 60Hz
YPBPR Input Format	1080p, 1080i, 720p, 576p, 480p, 576i, 480i
S-Video/CVBS Input Format	Support NTSC, PAL and SECAM
SDI Color Space	YUV 4:2:2 10bit
HDMI Color Space	RGB 4:4:4 8/10/12bit, YUV 4:2:2 8/10/12bit, YUV 4:4:4 8/10/12bit

OTHERS

Dimensions	104×125.5×24.5mm
Weight	Net weight: 496.1g Gross weight: 940g
Power Consumption	≤5.5W
Operating Voltage	12V(Voltage Range: DC 6-24V), USB 5V
Operating Temperature	-20~60°C
Storage Temperature	-30~70°C
Relative Humidity	20~90% RH (no condensation)

ACCESSORY

Accessory	DC 12V 2A power supply, DVI to VGA connector S-Video/CVBS/YPBPR 3-in-1 cable, Bracket (optional)
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ACCESSORIES

