



Model NO.: **SC2030**

SDI/HDMI UPDOWN CROSS CONVERTER

- ▶ Input: HDMI×1 or SDI×1, analog audio×1
- ▶ Output: 3G-SDI×2, HDMI×1
- ▶ Up/down scaling and frame rate conversion
- ▶ Analog audio Embedding
- ▶ Control easily via the DIP switches
- ▶ USB is used for PC software control and power supply
- ▶ Dual threaded locking power, for redundant power supply
- ▶ Detachable bracket design for wall mounting

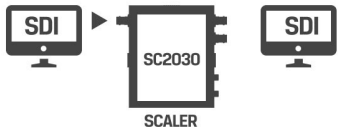
Up/down Scaling and Frame Rate Conversion

SC2030 has a variety of transformation combinations to realize the inter-rotation of various resolutions between SDI/HDMI. When you choose either SDI or HDMI input, both SDI and HDMI output at the same time. Multiple signal conversion function to meet a variety of hd video conversion needs. When the SDI/HDMI input signal is connected at the same time, the default priority SDI signal input.



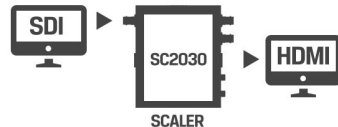
SDI to SDI Scaling Conversion

SDI input auto detect SD, HD and 3G. SDI output support up/down scaling and frame rate conversion.



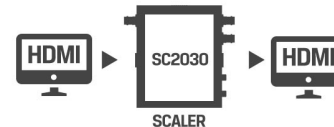
SDI to HDMI Scaling Conversion

SDI input auto detect SD, HD and 3G. HDMI output support up/down scaling and frame rate conversion.



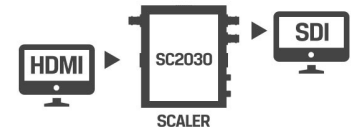
HDMI to HDMI Scaling Conversion

HDMI input auto detect SD, HD and FHD. HDMI output support up/down scaling and frame rate conversion.



HDMI to SDI Scaling Conversion

HDMI input auto detect SD, HD and FHD. SDI output support up/down scaling and frame rate conversion.





Audio Embedding

It features embedding an external analog audio to both SDI & HDMI outputs. The most commonly used 3.5mm interface makes it easy to add external audio signals to SDI/HDMI video output.



Easy Control over DIP Switches and PC

Adjusting the DIP switches to set the functions by finger, without any tool. It's a smart method to change common settings quickly when outdoor applications. Meanwhile, it also can be remote set by using a software by connecting it with a PC via USB. Besides, the latest software can be upgraded by connecting it with a PC via the USB.



Redundant Power

The use of premium components coupled with dual redundant power supplies ensures device works fine even when the mainpower supply encounters problems.
And the 1/4 inches hot shoe slot perfect fit various installations.

Technical specification

INPUTS	HDMI Video Input	HDMI type A ×1	
	SDI Video Input	SD/HD/3G-SDI ×1	
	Analog Audio Input	1/8" (3.5mm) jack ×1	
OUTPUTS	SDI Video Outputs	SD/HD/3G-SDI ×2	
	HDMI Video Output	HDMI type A ×1	
	SDI Input Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98 1080Psf 30/29.97/25/24/23.98 1080i 60/59.94/50 720p 60/59.94/50/30/29.97/25/24/23.98 625i 50, 525i 59.94	
FORMATS	SDI Video Rate	SD/HD/3G-SDI	
	SDI Compliance	SMPTE 292M, SMPTE 259M, SMPTE 424M	
	SDI Color Space and Precision	YUV 4:2:2	
	HDMI Input Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98/23.97 1080i 60/59.94/50 720p 60/59.94/50/30/29.97/25/24/23.98 576p 50, 576i 50 480i 60/59.94	
	HDMI Input Color Space and Precision	RGB 4:4:4, YUV 4:2:2, YUV 4:4:4	
	SDI/HDMI Output Format Support	1080p 60/59.94/50/30/29.97/25/24/23.98 1080i 60/59.94/50 720p 60/59.94/50	
	SIZE	Dimension (LWD)	125.5mm × 104mm × 24.5mm
		Weight	485g
	POWER	Power Connector	Threaded locking connector Micro USB
		Voltage Range	USB 3.3~5V DC 6~23V
Power Consumption		4W	
ENVIRONMENT		Operating Temperature	-20℃~60℃
	Storage Temperature	-30℃~70℃	
	Relative Humidity	0%~90% non-condensing	
WARRANTY	Warranty	3 year limited warranty	

