SOUNDVISION™

SSV-5100UC

4K 5x1 SEAMLESS MULTIVIEWER

INTRODUCTION

This product is a real 4K60 Multiview switcher with seamless switching (*when single-window mode) and scaling function, it supports 4 HDMI2.0 inputs, 1 Type-C input and 1 HDMI2.0 output with 3.5mm audio out and USB2.0 capture. The resolution of both inputs and output can up to 4K@60hz 4:4:4, the bandwidth can up to 18Gbps. Users can use the front panel push buttons, IR remote control, and RS232 codes to control the unit.

FEATURES

- Support 8 working modes/layouts.
- Support HDMI2.0, and the resolution up to 3840*2160@60Hz.
- Support USB2.0 port for OBS Capture.
- Support 4K60 inputs (4*HDMI, 1*USB-C).
- Support seamless switching even when different resolutions inputs.
- Support the front panel push-button, IR remote and the RS232 control.
- Support USB-A upgrading.

SPECIFICATIONS

Video	
Input port	4* HDMI2.0, 1*USB-C
Input resolution	HDMI2.0:
	640x4808, 800x6008, 1024x7688, 1280x7688, 1280x8008, 1280x10248, 1360x7688,
	1366x7688, 1440x9008, 1400x10508, 1600x12008, 1680x10508, 1920x12008, 720x4808
	(480p), 720x5766 (576p), 1280x7205 (720p30), 1280x7206 (720p50), 1280x7208
	(720p60), 1920x10802 (1080p24), 1920x10803 (1080p25), 1920x10805 (1080p30),
	1920x10806 (1080p50), 1920x10808 (1080p60), 3840x21605(2160p30),3840x21606
	(2160p50), 3840x21608 (2160p60)
	USB-C:
	640x4808, 800x6008, 1024x7688, 1280x7688, 1280x8008, 1280x10248, 1360x7688,
	1366x7688, 1440x9008, 1400x10508, 1600x12008, 1680x10508, 1920x12008, 720x4808
	(480p), 720x5766 (576p), 1280x7205 (720p30), 1280x7206 (720p50), 1280x7208
	(720p60), 1920x10802 (1080p24), 1920x10803 (1080p25), 1920x10805 (1080p30),
	1920x10806 (1080p50), 1920x10808 (1080p60), 3840x21605(2160p30)
	1 = 23.98 Hz, 2 = 24 Hz, 3 = 25 Hz, 4 = 29.97 Hz, 5 = 30 Hz, 6 = 50 Hz, 7 = 59.94 Hz, 8 = 60 Hz, 9 = 75 Hz

SPECIFICATIONS

Output port	1* HDMI2.0
Output resolution	HDMI2.0:
	1920x10806 (1080p50), 1920x10808 (1080p60), 3840x21605 (2160p30) , 3840x21606 (2160p50) , 3840x21608 (2160p60)
	UVC(USB2.0):
	1920x10806 (1080p50), 1920x10808 (1080p60)
	1 = 23.98 Hz, 2 = 24 Hz, 3 = 25 Hz, 4 = 29.97 Hz, 5 = 30 Hz, 6 = 50 Hz, 7 = 59.94 Hz, 8 = 60 Hz, 9 = 75 Hz
Audio	
Input port	4x HDMI, 1*USB-C
Input audio signal	RAW PCM, 16 bit, 32/44.1/48KHz sps; PCM 2.0
Output port	1* HDMI2.0, 1* Analog Audio (3.5mm audio), 1*USB2.0
Output audio signal	RAW PCM, 16 bit, 32/44.1/48KHz sps; PCM 2.0
Control	

Front control	IN1: Input 1	
	IN2: Input 2	
	IN3: Input 3	Single-view mode
	IN4: Input 4	
	IN5: Input 5	
	田: Default input 1 to input 4	Quad-view mode

IR	All the functions of the button can be realized through the remote control, and it also supports fast switching.
RS-232 Control Port	DB9, serial port control
Others	
Operating temperature	0 to +45 C (32 to + 113 F)
Storage temperature	-20 to +70 C (-4 to + 158 F)
Humidity	10% to 90%
Static Protection	Human body discharge mode:
	±8kV (air gap discharge)/
	±4kV (contact discharge)
Power consumption	10W(Max)
Power adapter	DC 12 V 1.5 A
Product size(mm)	240*124*28
Net Weight	2kg

Certifications : CE | CB | RoHS

WORKING MODES

*Also can support the RS232 commands to customize layout or output resolutions

CONNECTION DIAGRAM

- HDMI cable
- USB cable
- Audio cable
- USB-C cable

4K60 with scaling output

USB

5* 4K60 Inputs

Type-c