Introduction

This product is a real 4K60 multiviewer switcher with seamless switching(*when single-window mode) and and scaling function, it supports 3 HDMI2.0 inputs, 2 DisplayPort inputs and 1 HDMI2.0 output with 3.5mm audio out. 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.
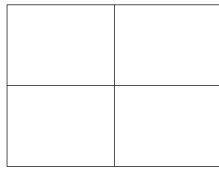
Features

➢ Support 8 working modes/layouts
➢ Support HDMI2.0, and the resolution up to 3840*2160@60Hz
➢ Support 4K60 inputs(3*HDMI, 1*DP) and 4K60 output
➢ Support seamless switching even when different resolutions inputs
➢ Support the front panel push-button, IR remote and the RS232 control
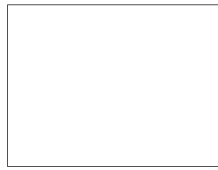➢ Support USB-A upgrading

Specification

Video	
Input port	3* HDMI2.0, 2* DP1.2
Input resolution	**HDMI2.0:** 640×480^8, 800×600^8, 1024×768^8, 1280×768^8, 1280×800^8, 1280×1024^8, 1360×768^8, 1366×768^8, 1440×900^8, 1400×1050^8, 1600×1200^8, 1680×1050^8, 1920×1200^8, 720×480^8 (480p), 720×576^6 (576p), 1280×720^5 (720p30), 1280×720^6 (720p50), 1280×720^8 (720p60), 1920×1080^2 (1080p24), 1920×1080^3 (1080p25), 1920×1080^5 (1080p30), 1920×1080^6 (1080p50), 1920×1080^8 (1080p60), 3840×2160^5(2160p30),3840×2160^6 (2160p50), 3840×2160^8 (2160p60) **DP1.2:** 640×480^8, 800×600^8, 1024×768^8, 1280×768^8, 1280×800^8, 1280×1024^8, 1360×768^8, 1366×768^8, 1440×900^8, 1400×1050^8, 1600×1200^8, 1680×1050^8, 1920×1200^8, 720×480^8 (480p), 720×576^6 (576p), 1280×720^5 (720p30), 1280×720^6 (720p50), 1280×720^8 (720p60), 1920×1080^2 (1080p24), 1920×1080^3 (1080p25), 1920×1080^5 (1080p30), 1920×1080^6 (1080p50), 1920×1080^8 (1080p60), 3840×2160^5(2160p30),3840×2160^6 (2160p50), 3840×2160^8 (2160p60)

Video	
	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
Output port	1* HDMI2.0
Output resolution	**HDMI2.0:** 1920x1080^6 (1080p50), 1920x1080^8 (1080p60), 3840x2160^5 (2160p30) , 3840x2160^6 (2160p50) , 3840x2160^8 (2160p60) 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	3x HDMI, 2*DP
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)
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 IN4: Input 4 IN5: Input 5	Single-view mode
	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.	
RJ45	DB9, serial port control	

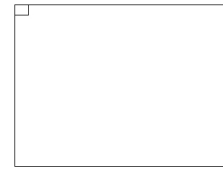| Others	
Operating temperature	0 to +45 C (32 to + 113 F)
Storage temperature	-20 to +70 C (-4 to + 158 F)
Humidity	10% to 90%
Static Protection	Human body discharge mode: ±8kV (air gap discharge)/ ±4kV (contact discharge)
Power adapter	DC 12 V 1.5 A
Power consumption	10W(Max)
Product size	Without the ears
Net	2kg

Working modes:
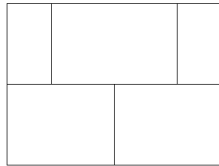
Mode one: quad view (will display 4 inputs

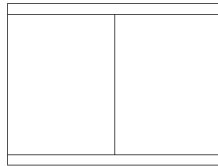Mode two: will seperately display each input

Mode three: display 3 inputs (one up plus two below, the below two zoom out

Mode four: dual view (PIP, the smaller picture is on the left top)

Mode five: will display 3 inputs, one up and two below, the below two with original size
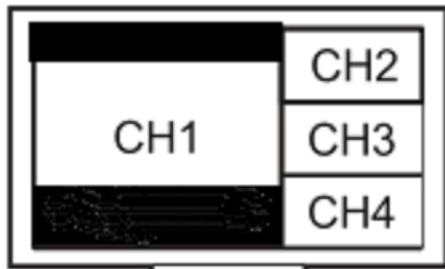
Mode six: dual view(left and right)

Mode seven: will display 3 pictures(one big plus two small)

Mode eight: dual view (PIP, the smaller picture is on the right bottom)

*can support RS232 commands to customize the working modes, such as

Connection diagram