

4K@60 4:4:4 show more clarity
Ultra Length and Height split more easily



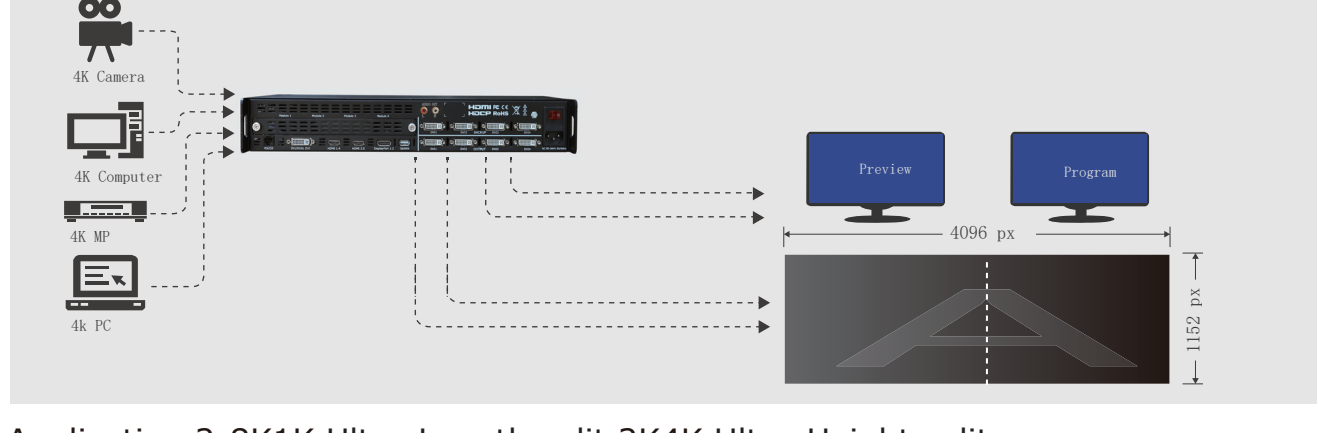
Q1

- * Support DP1.2\HDMI2.0 4K@60Hz Input
- * Support preview seamless switch
- * Support multiple input seamless switch
- * Support independent output matrix function
- * Support EDID management
- * Support pixel to pixel split
- * Support Ultra Length and Height split
- * Support output backup
- * Support open control protocol
- * Support 4K@60 4:4:4 input
- * Support audio and video sync switching

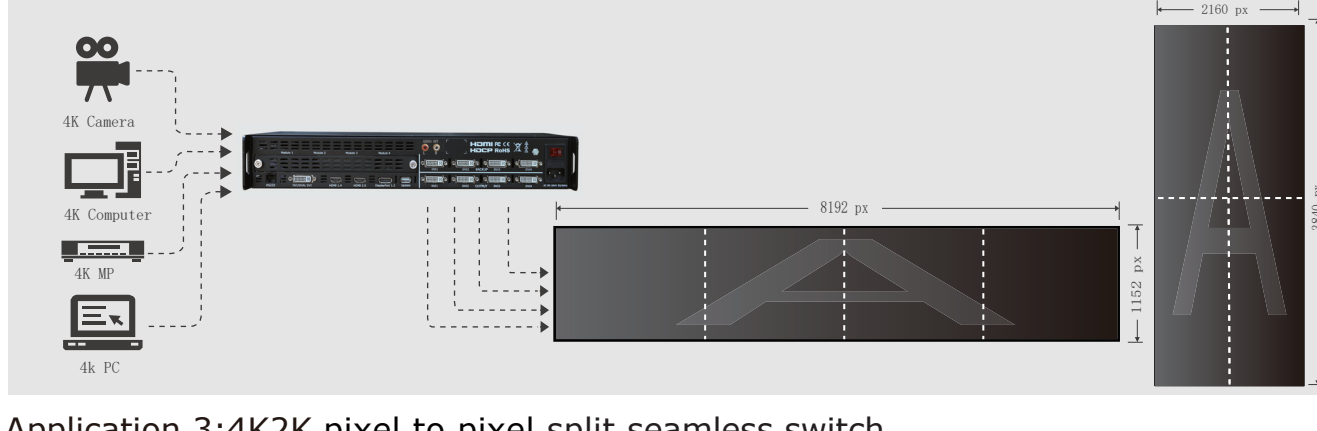
Shenzhen Great Video Science&Technology Co.,Ltd

Product Applications

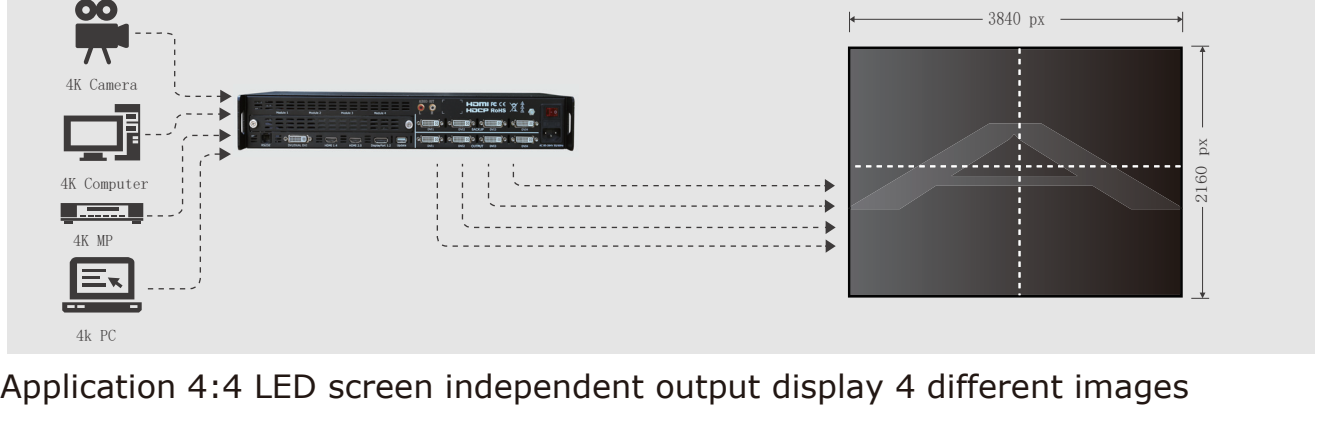
Application 1: 4K1K Preview seamless switch



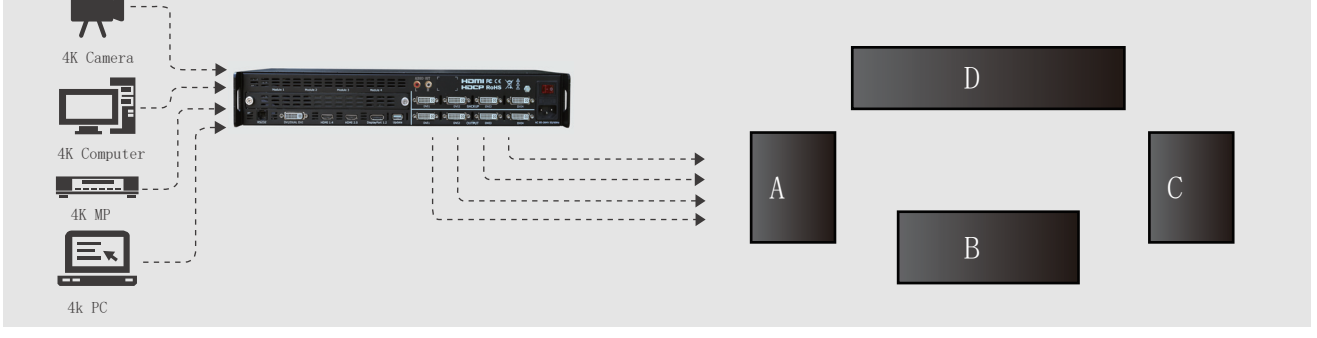
Application 2: 8K1K Ultra-Length split, 2K4K Ultra-Height split



Application 3: 4K2K pixel to pixel split seamless switch



Application 4: 4 LED screen independent output display 4 different images



Classic comes from constant effort !



Product Features

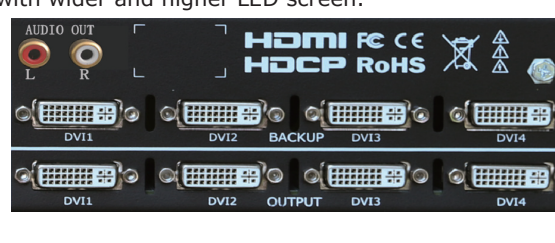
4K@60Hz Input

Support UHD 4K@30Hz, 4K@60Hz Sources input , Input interface : Dual-DVI,HDMI 1.4,HDMI 2.0,DP 1.2



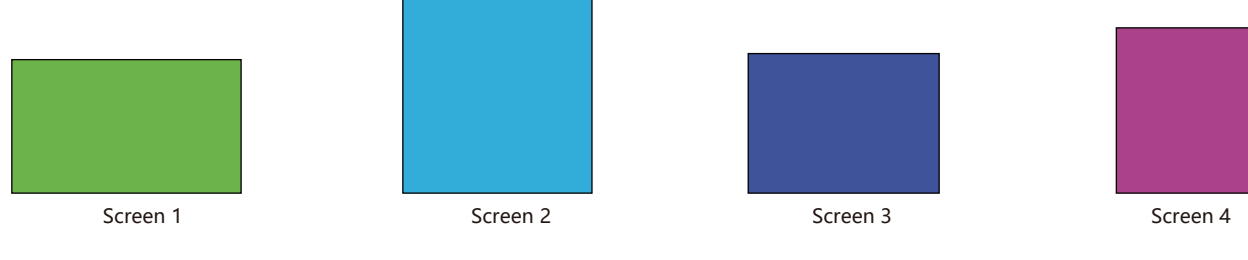
Output Backup

4 x DVI output and 4 x Backup DVI output , each output interface use a separate encode chip;For the LED screen display escort, while more easy to sending card cascade, with wider and higher LED screen.



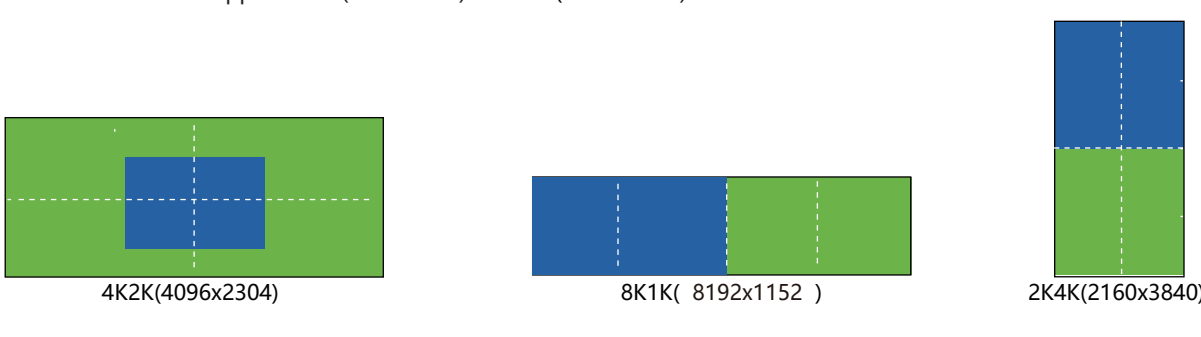
Independent output mode, a more than four ordinary video processors

Individual outputIn the individual output working made 4 outputs on Q-ONE could control 4 different screens separately, any of the four pictures could be adjusted individually, including the source signal, picture size etc.



Ultra-Length and Ultra-Height split

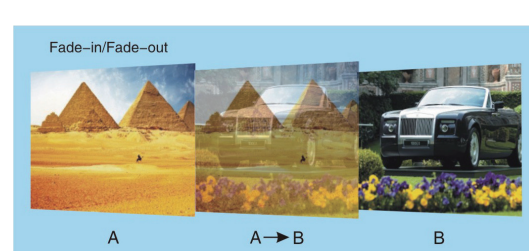
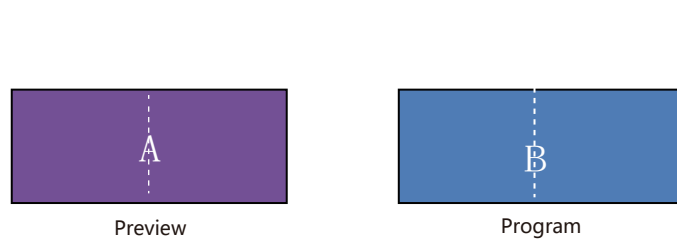
A device machine support 8k1k(8192x1152) or 2K4K(2160x3840)



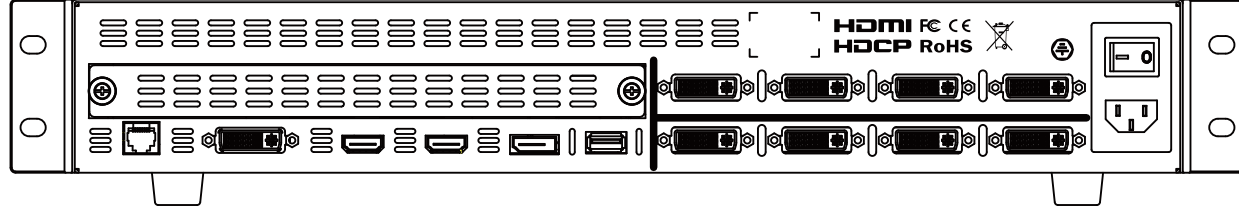
Preview seamless switch

Two output split support preview seamless switch,support any input source preview,Performance site switching is more secure. Four output split support seamless switch,support any input source preview fast switch.

Support audio and video sync switching, with embedded HDMI audio input, and with two channel RL audio output



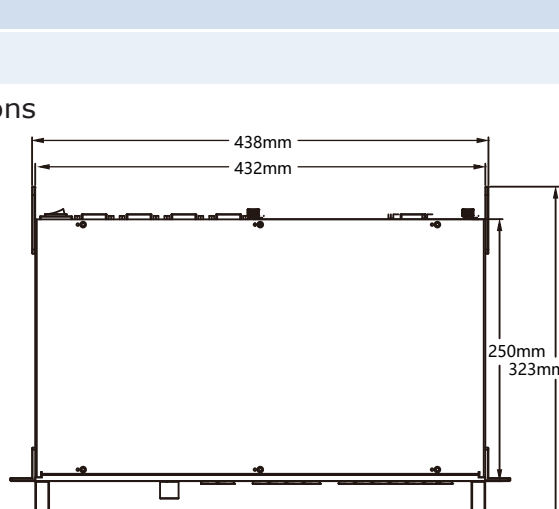
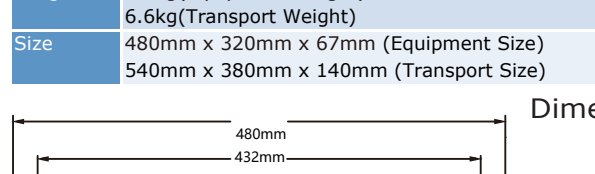
Innovation comes from constant pursuit !



Specification

Input interface	standard	1 x DVI/Dual-DVI (DUAL-DVI 4K@30Hz) 1 x HDMI 1.4 (4K@30Hz) 1 x HDMI 2.0 (4K@60Hz) 1 x DisplayPort 1.2 (4K@60Hz)
	optional	2 x optional module * module support 2 input : DVI/SDI/HDMI/DP/USB/VGA/YpPr/CVBS * module free combination
Output interface	standard	4 x DVI 1 x AUDIO 4 x DVI backup
Control interface	RS232	Open control protocol
	USB	U disk upgrade
Input resolution	Dual DVI	VESA:1024x768 1280x1024 1600x1200 1920x1200 2048x1152 3840x1080 3840x2160
	HDMI	SMPT: 480i 576i 720p 1080i 1080p 4K 1K 2160p VESA: 1024x768 1280x720 1280x800 1280x960 1280x1024 1400x1050 1600x1200 1920x1080 1920x1200 2048x1152 2560x1600 3840x1080 3840x2160
	DP	SMPT: 480i 576i 720p 1080i 1080p 4K 1K 2160p VESA: 1024x768 1280x720 1280x800 1280x960 1280x1024 1400x1050 1600x1200 1920x1080 1920x1200 2048x1152 2560x1600 3840x1080 3840x2160
	SDI	480i 576i 720p 1080i 1080p 1080psf
	VGA	VESA: 800x600 1024x768 1280x1024 1600x1200 1920x1080 1920x1200
	YpPr	SMPT: 480i 576i 480P 576P 720p 1080i 1080p
CVBS	SMPT: 480i 576i	
Refresh rate		23.98/24/25/29.97/30/50/59.94/60Hz
Output resolution	SMPT	720p 1080p
	VESA	1024x768 1280x1024 1400x1050 1600x1200 1920x1080 1920x1200 2048x1152 2560x816 1024x1280 1152x1152 1280x1280 1536x1536 2560x1024 2560x1600 3840x540 3840x1080*
	2 Split 4 Split	3840x1080 1920x2160 7680x540 1536x3072 7680x1080 * 3840x2160 7680x1080 1920x4320 15360x540 1536x6144 3072x3072 15360x1080* 7680x2180* 3840x4320* @Support two-to-point custom resolution@*represent 30Hz
Support protocol	SDI	SD-SDI, HD-SDI, 3G-SDI
	VGA	VGA-UXGA
	HDMI	1.3, 1.4, 2.0
	DP	1.1, 1.1a, 1.2
	DVI	DVI 1.0, DVI 1.1
Input voltage		AC 100~264V (typical valua:110/220)
Max power		50/60Hz 20W
TEMP		-25°C~55°C (typical valua:25°C)
Humidity		20%~90%
Weight		3.0kg(Equipment Weight) 6.6kg(Transport Weight)
Size		480mm x 320mm x 67mm (Equipment Size)
		540mm x 380mm x 140mm (Transport Size)

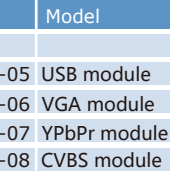
Dimensions



Product Code

Product Code	Product Code	Model
GVYD-001-Q1-00	Q-ONE	
GVYD-001-Q1-01	DVI module	GVYD-001-Q1-05
GVYD-001-Q1-02	SDI module	GVYD-001-Q1-06
GVYD-001-Q1-03	HDMI module	GVYD-001-Q1-07
GVYD-001-Q1-04	DP module	GVYD-001-Q1-08

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Innovation , Classic , Future !

