

# 3 Windows Display Based on 4K1K Pixel to Pixel Split 4:4:4 10Bit 60Hz Processing



## L3

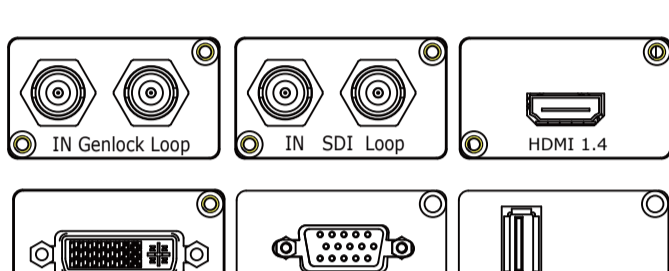
- \*Support Multi-Windows Split, and Preview
- \*Support Seamless Switching Between Any Signal
- \*Support 4K1K Pixel to Pixel Split
- \*Support Flexible Split with Ultra-wide Range
- \*Support Signal Hot Backup
- \*Support Cascade Split
- \*Support Optional Module
- \*Support API
- \*Support 4:4:4 10Bit 60Hz Processing

Shenzhen Great Video Science&Technology Co.,Ltd

### Product Features

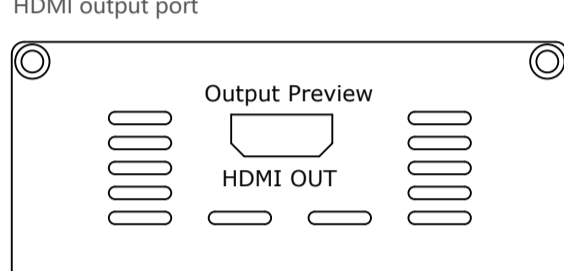
#### Optional Module Slot

VS2 Support any 4 optional modules, Including Genlock, SDI, HDMI1.4, DVI, VGA/YpPr, USB



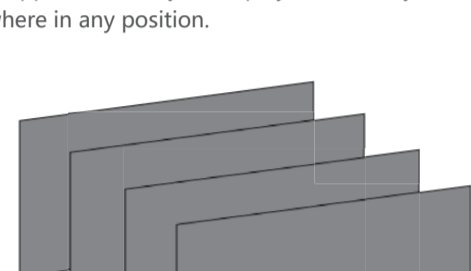
#### 4K1K Output Preview

The Output preview module is used to preview the output signals, by mapping the 2 DVI outputs into one HDMI output port



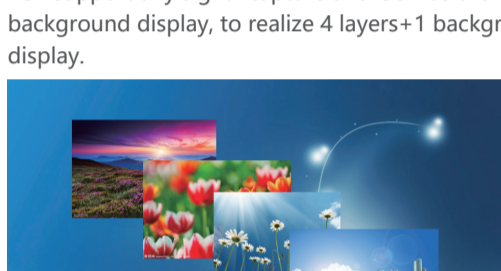
#### Multiple Windows Display

VS2 Support max 4 layers display, can overlay anywhere in any position.



#### LOGO Capture and OSD

VS2 support any signal capture and OSD as the background display, to realize 4 layers+1 background display.



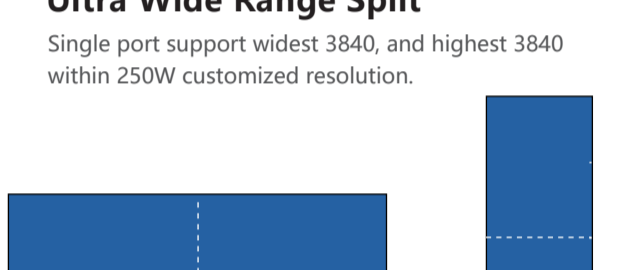
#### Fade in Fade Out Seamless Switching

VS2 Support fade in and fade out seamless switching and cut switching between any of the 4 layers. It makes the switching more softly and smoothly by 256 level ALPHA.



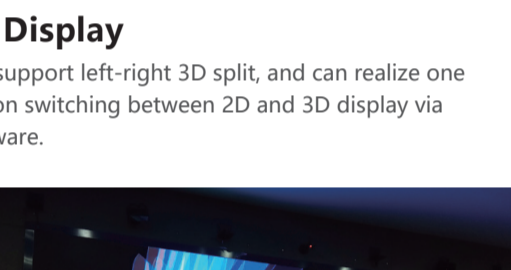
#### Ultra Wide Range Split

Single port support widest 3840, and highest 3840 within 250W customized resolution.



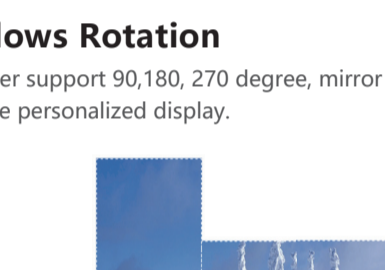
#### 3D Display

VS2 support left-right 3D split, and can realize one button switching between 2D and 3D display via Software.

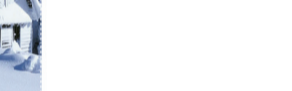


#### Windows Rotation

Each layer support 90,180, 270 degree, mirror rotation to realize personalized display.

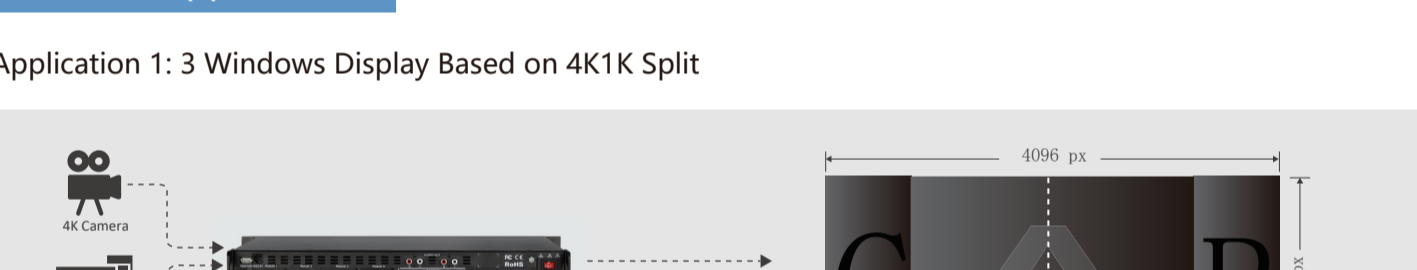


Innovation comes from constant pursuit !

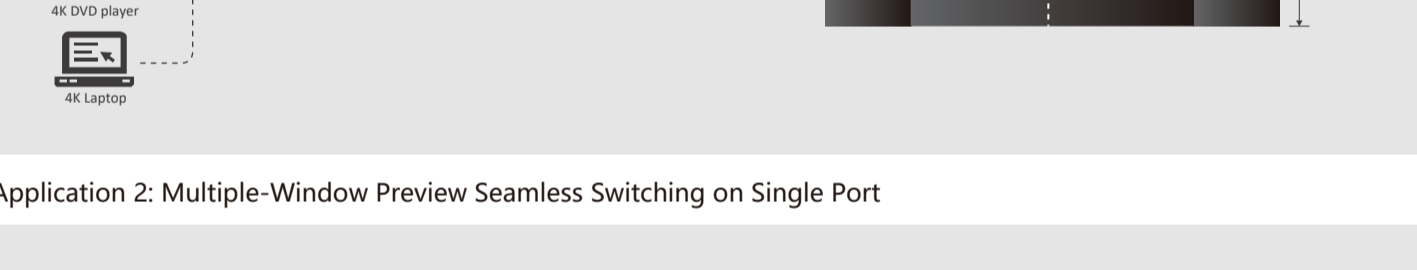


### Product Applications

#### Application 1: 3 Windows Display Based on 4K1K Split



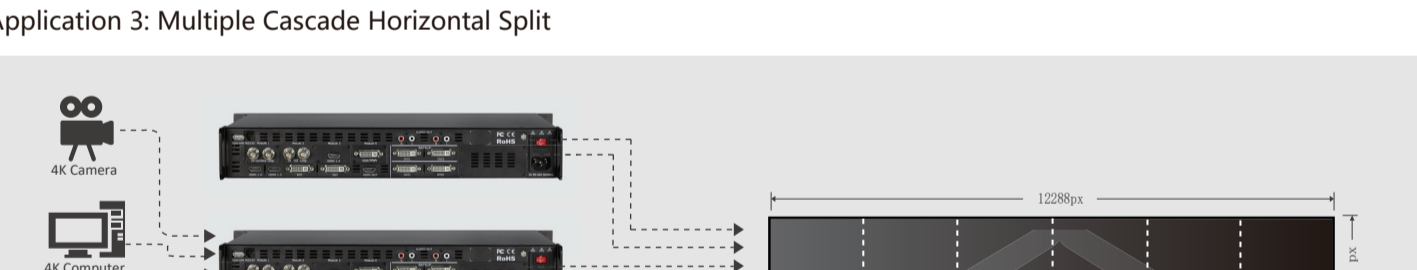
#### Application 2: Multiple-Window Preview Seamless Switching on Single Port



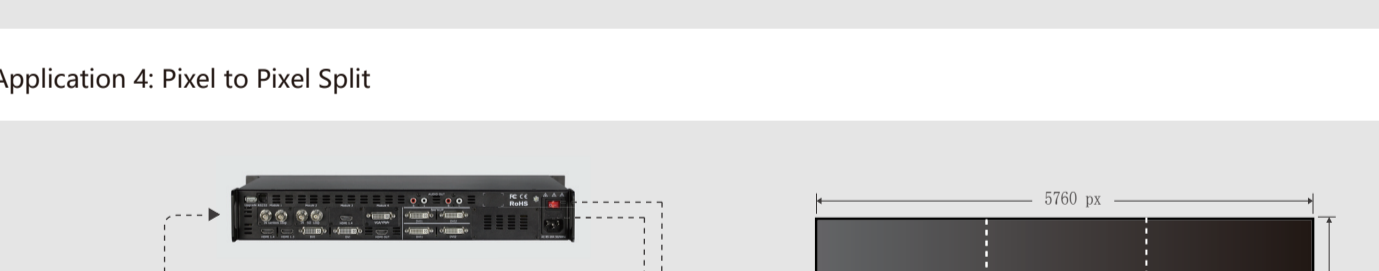
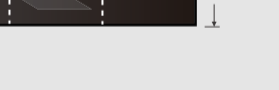
#### Application 3: Multiple Cascade Horizontal Split



#### Application 4: Pixel to Pixel Split

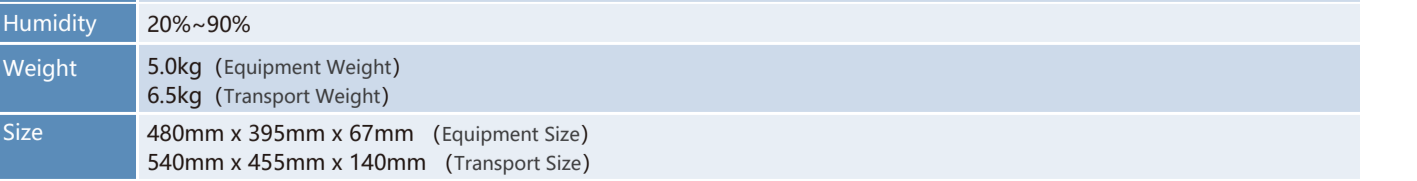


Classic comes from constant effort !



### SPECIFICATION

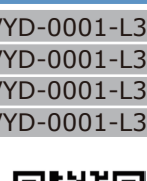
Input Interface	Standard	1 x HDMI 1.4 1 x HDMI 1.3 2 x DVI
	Optional	4 x HDMI 1.3, 1.4 4 x DVI 4 x SDI+SDI LOOP 4 x VGA 4 x USB 1 x Genlock IN+Genlock OUT
Output Interface	Standard	2 x DVI(Output)+2 x DVI (Backup) 4 x RCA(2xLR Stereo Audio)
	Optional	1 x HDMI(Output Preview)
Operation		Button, RS232, Control Software
Input Resolution	DVI	HDMI1.3
	HDMI	SMPT: 480i   576i   720p   1080i   1080p VESA: 1024x768   1280x720   1600x1200   1920x1080   1920x1200   2048x1152   3840x1080
	VGA	VESA: 1024x768   1280x1024   1600x1200   1920x1080   1920x1200   2048x1152
	SDI	480i   576i   720p   1080i   1080p   1080 psf
	USB	JPEG、BMP、PNG、MP4、MPEG1、MPEG2、rmvb、Mjpg、MP4、AVI
Output Resolution	VESA	1024x768   1280x720   1280x1024   1400x1050   1600x1200   1920x1080   1920x1200   2048x1152 2560x816   1024x1280   1152x1152   1280x1280   1536x1536   2560x1024   2560x1600   3840x540 Customized point to point display
Support Protocol	DVI	Singlelink
	HDMI	1.3, 1.4
	VGA	VGA-U
	SDI	SD-SDI, HD-SDI, 3G-SDI
	Refresh Rate	23.98/24/25/29.97/30/50/59.94/60Hz
Input voltage		AC 100~264V (Typical value110/220) 50/60Hz
Max power		45W
TEMP		-25°C~55°C (Typical value25°C)
Humidity		20%~90%
Weight		5.0kg (Equipment Weight) 6.5kg (Transport Weight)
Size		480mm x 395mm x 67mm (Equipment Size) 540mm x 455mm x 140mm (Transport Size)



### PRODUCT CODE

Product Code	Item	Description	
GVYD-0001-L3-00	L3	GVYD-0001-L3-04	VGA
GVYD-0001-L3-01	DVI	GVYD-0001-L3-05	USB
GVYD-0001-L3-02	HDMI	GVYD-0001-L3-06	Genlock
GVYD-0001-L3-03	SDI	GVYD-0001-L3-07	Output Preview

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Innovation , Classic , Future !

