

HDR10 More colorful and brilliant display

4K@60Hz 4:4:4 10bit Processing

4K@60Hz Inputs and Outputs



Q-TWO

- * Support HDR Color Reduction and Enhancement
- * Support DP1.2\HDMI2.0 4K@60Hz Input
- * Support HDMI2.0 4K@60Hz Output
- * Support Any 4k Preview Input
- * Support Any 4K PIP Input Channel
- * Support EDID Management, P2P Display
- * Support Cascade Split
- * Support Embedded Audio Decoder, Video and Audio Synchronization
- * Support 420, 422, 444 Video Format
- * Support Open Control Protocol
- * Support PIP

Shenzhen Great Video Science&Technology Co.,Ltd

Features

HDR10 Color Reduction and Enhancement

HDR (High Dynamic Range) provides more dynamic range and image detail than normal images, depending on the LDR (Low-Dynamic Range) image for different exposure times.

The HDR image is synthesized with the LDR image, corresponding to the best detail for each exposure time, which can better reflect the visual effect in the real environment. Under the action of HDR10, Q2 video processor showing more vivid. It can be alternated between cool and warm colors. 4K HDR is an advanced image processing technology than 4K. With HDR movies and Q2 video processor's processing, the video will be more brilliant.



Without HDR



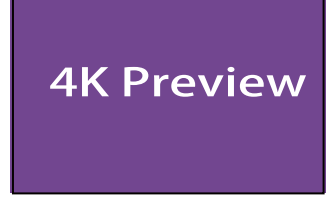
With HDR10 Make the Scene more colorful

4K Preview

Q2 with preview for monitoring, making the live show more safety.

4K PIP

Q2 support any 4K channel PIP or PBP display.



Multi-Cascade

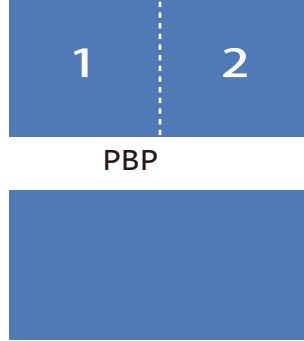
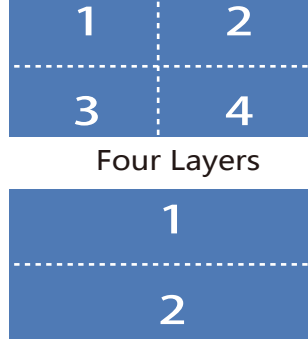
Support 4K60hz output, multi-cascade support 8K, 12K, 16K display. The backup output ensure the live show safety and also save your cost.

Multi-layer Display

Support multi-layer 4k signal display, different layout switch.



16K * 4K Multi-Cascade display

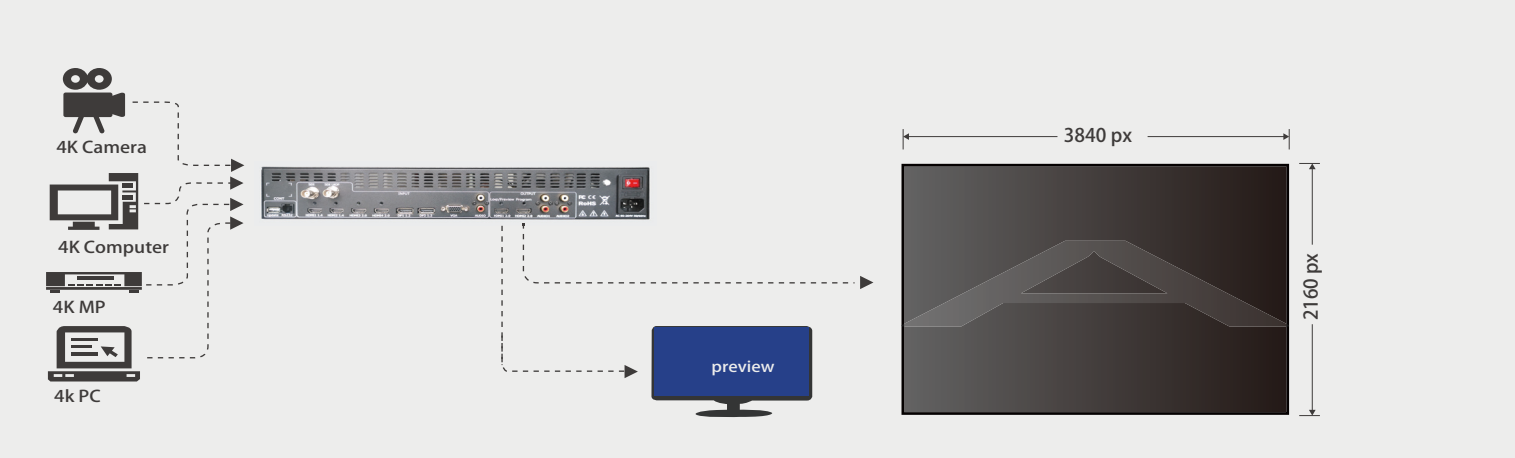


Innovation , Classic , Future !

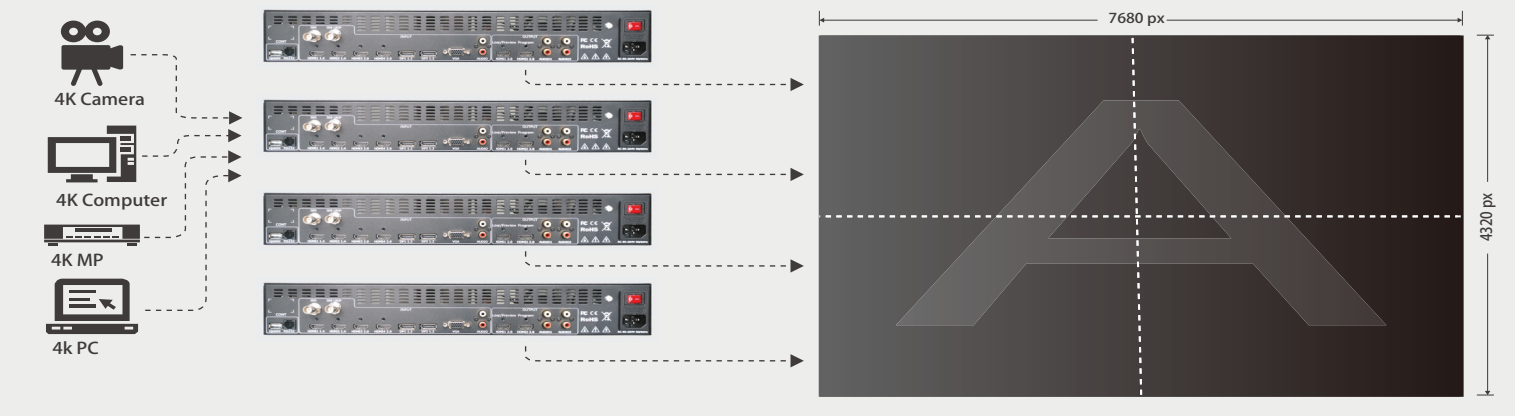
Great Video

Solution

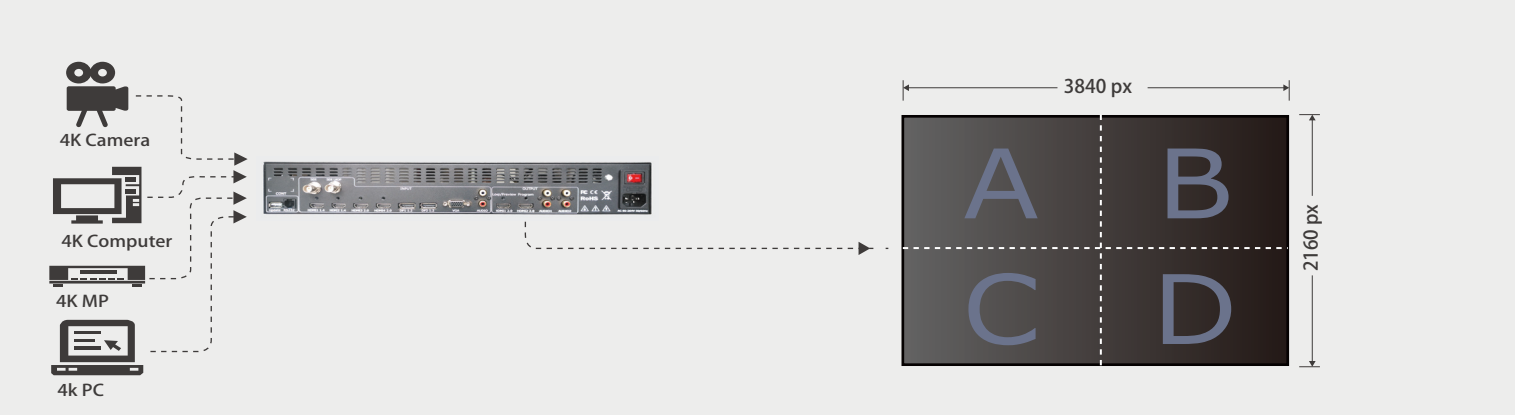
1: 4K2K, 2K1K HDR point to point project



2: Multi-cascade and 8K4K split application

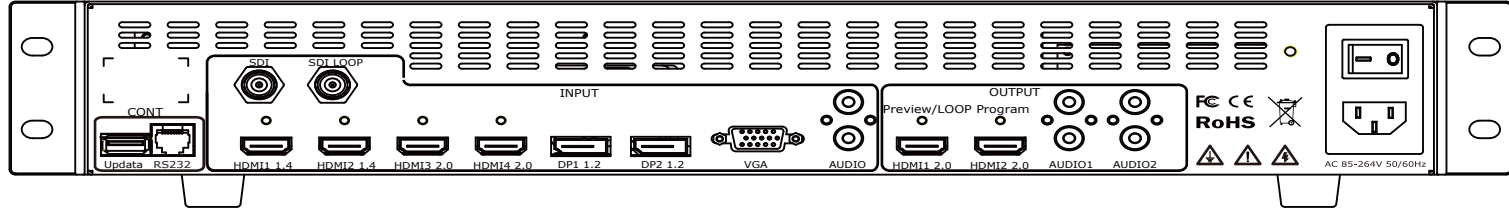


3: 4K@60Hz any channel multi-layer split application



Classic comes from constant effort !

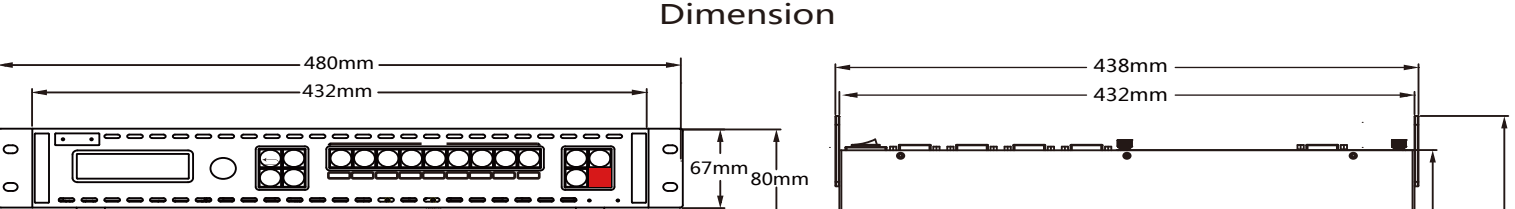
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Specification

Input Interface	Standard	2 × HDMI 1.4 (4K@30Hz) 2 × HDMI 2.0 (4K@60Hz) 2 × DisplayPort 1.2 (4K@60Hz) 1 × VGA 2 × RCA audio (LR stereo)
	Optional	1 × 3G/HD/SD LRI
Output Interface	Standard	1 × HDMI 2.0 (Main Output) 1 × HDMI 2.0 (preview/LOOP) 4 × RCA audio (LR stereo)
Operation	RS232 USB	Open protocol control USB upgrade
Input Resolution	HDMI	SMPTE: 720p 1080p 2160p VESA: 800x600 1024x768 1280x720 1280x800 1280x960 1280x1024 1400x1050 1600x1200 1920x1080 1920x1200 2048x1152 2560x1600 3840x1080 3840x2160 4096x2160
	DP	SMPTE: 720p 1080p 2160p VESA: 800x600 1024x768 1280x800 1280x960 1280x1024 1400x1050 1600x1200 1920x1080 1920x1200 2048x1152 2560x1600 3840x1080 3840x2160 4096x2160
	VGA	800x600 1024x768 1280x1024 1600x1200 1920x1080 1920x1200
	SDI	480i 576i 720p 1080i 1080p 1080psf
	Frame	23.98/24/25/29.97/30/50/59.94/60Hz
Output Resolution	SMPTE	720p 1080p
	VESA	1024x768 1280x720 1600x1200 1920x1080 1920x1200 2048x1152 3840x1080 3840x2160 4096x2160 Customized point to point display
Support Protocol	HDMI	1.3, 1.4, 2.0
	DP	1.1, 1.1a, 1.2
	SDI	SD-SDI, HD-SDI, 3G-SDI
	VGA	VGA-UXGA
Input voltage	AC 100~264V (Typical value10/220) 50/60Hz	
Max power	20W	
TEMP	-25°C~55°C (Typical value25°C)	
Humidity	20%~90%	
Weight	3.0kg (Equipment Weight) 6.0kg (Transport Weight)	
Size	480mm x 320mm x 67mm (Equipment Size) 540mm x 380mm x 140mm (Transport Size)	

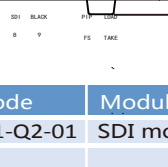
Dimension



Order code

Product code	Product	Product code	Modular
GVYD-0001-Q2-00	Q1	GVYD-0001-Q2-01	SDI module

Web:www.szgreatvideo.com
Email: Sales@szgreatvideo.com
Phone: +86 755 86709019



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