



RGBlink D8 8K-Class Video Processor Owner's Manual

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The first 8K-class video processor



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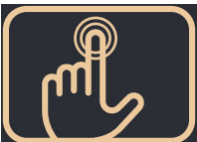

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D8 8K-Class Video Processor

The first 8K-class video processor

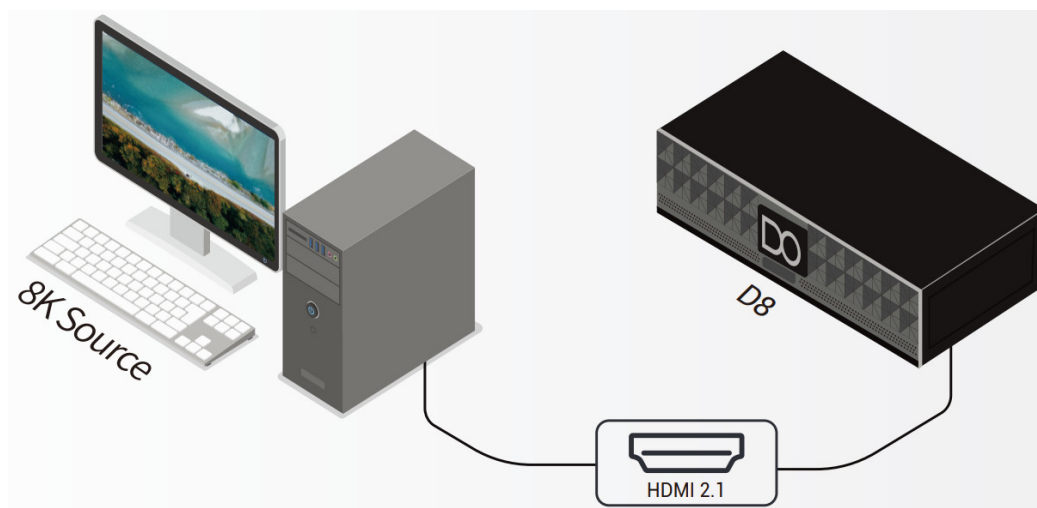
The D series has always been regarded as the leader in presentation-level image quality processing in different display stages in the industry. D8 continues to lead the display technology to become the industry's first 8K@60-level video processor. Create a visual experience.

The D8 is equipped with a 4-inch LCD touch screen, which optimizes the overall front panel aesthetic design and optimizes the user experience. No connection is required. The front panel is controlled by touch, and the touch control is used to switch modes, and view the input and output status in real time.

	Support 8K@60 signal input, compatible with HDCP 2.X
	Support Open API
	Support all interfaces hot swap
	Built-in 4-inch LCD touch screen
	Support 8K EDID management

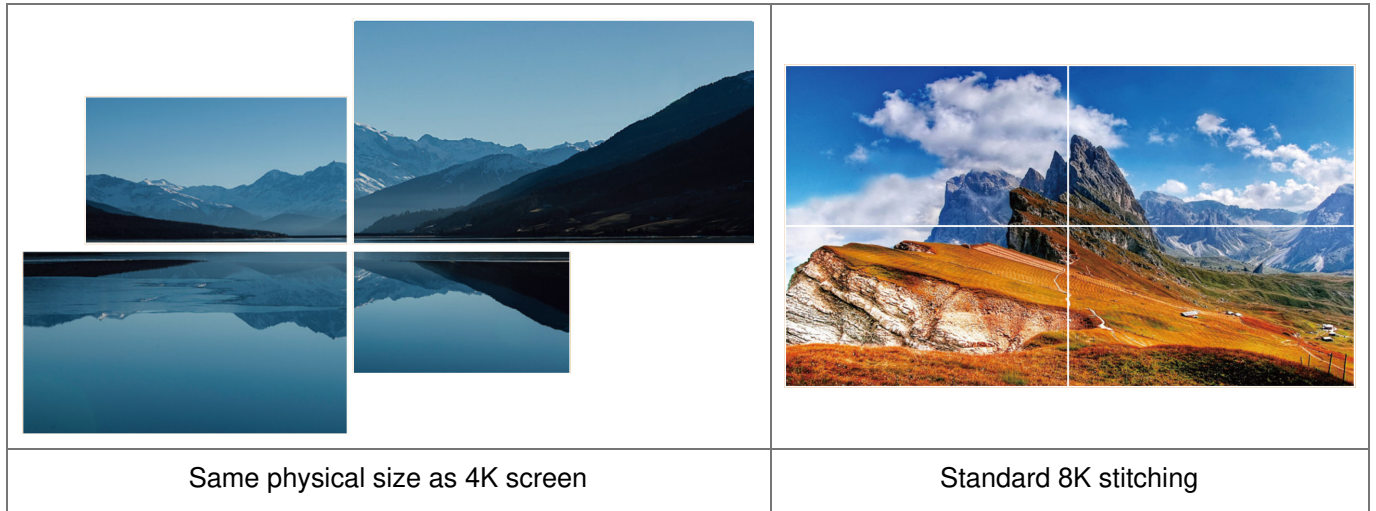
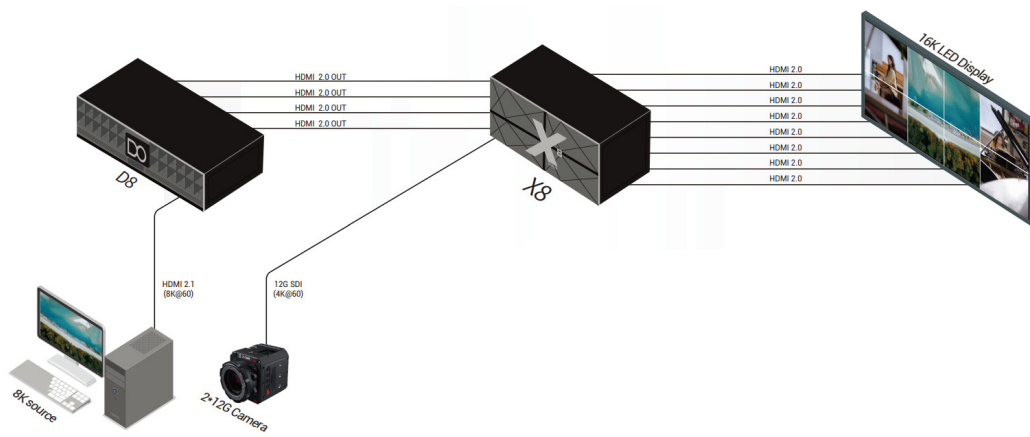
8K input

The new 8K architecture design supports HDMI 2.1 interface to truly realize the input of 8K signals.



8K processing

D8 supports 4-channel HDMI2.0 4K@60 output, completes 8K content display and transmission, and realizes 8K video solutions safely and reliably.



Custom Display and Stitching

The output can be independently and arbitrarily zoomed and controlled, so that it can easily cope with the splicing of different sizes of displays and any split screen on site. It can also realize 4-way HDMI 2.0 duplication output. If the resolution of 4 displays on site is different and the same content output is displayed independently, D8 can satisfy it.



Unequal 8K stitching

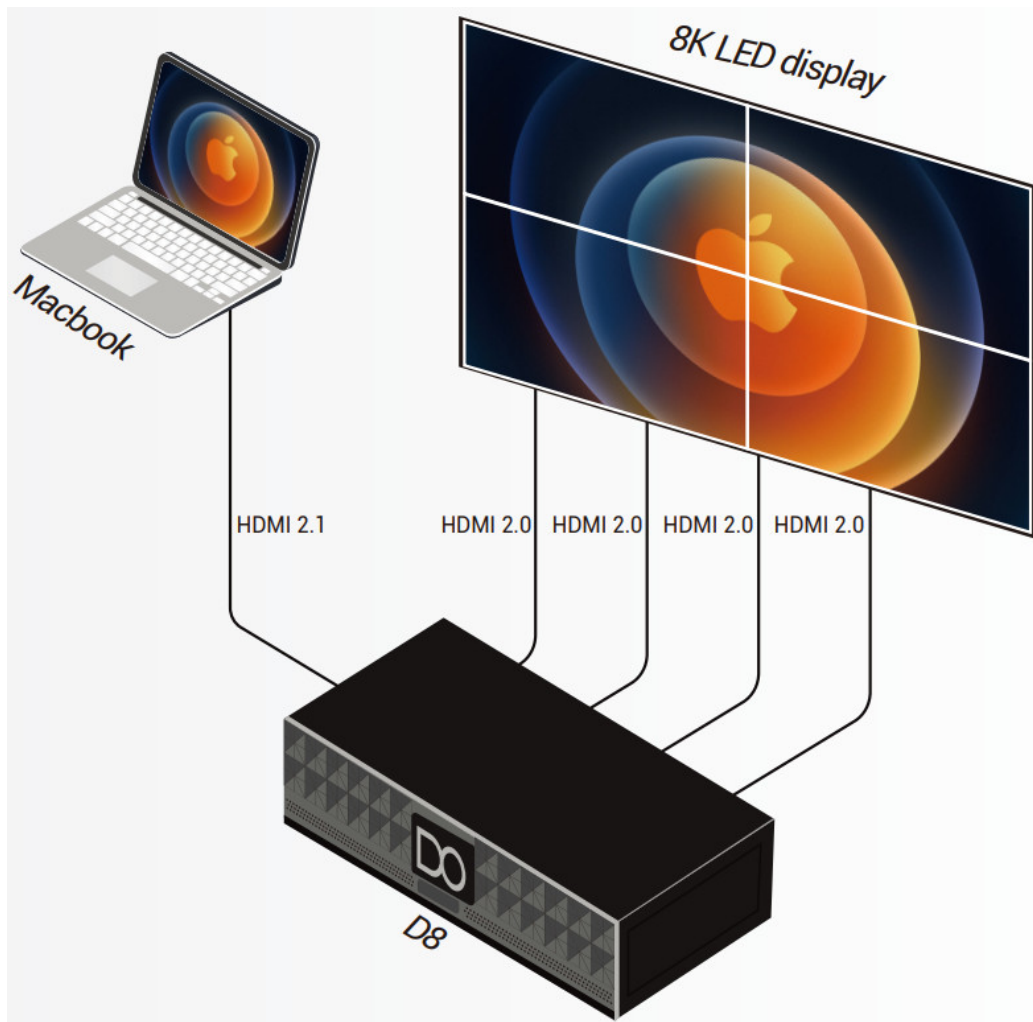
Genlock synchronization

Genlock frame synchronization is used to ensure seamless transmission of each pixel splicing, and content and large-screen display timing can be realized in multi-screen and multi-video processing solutions. No tearing of the picture, synchronous display of afterimages.



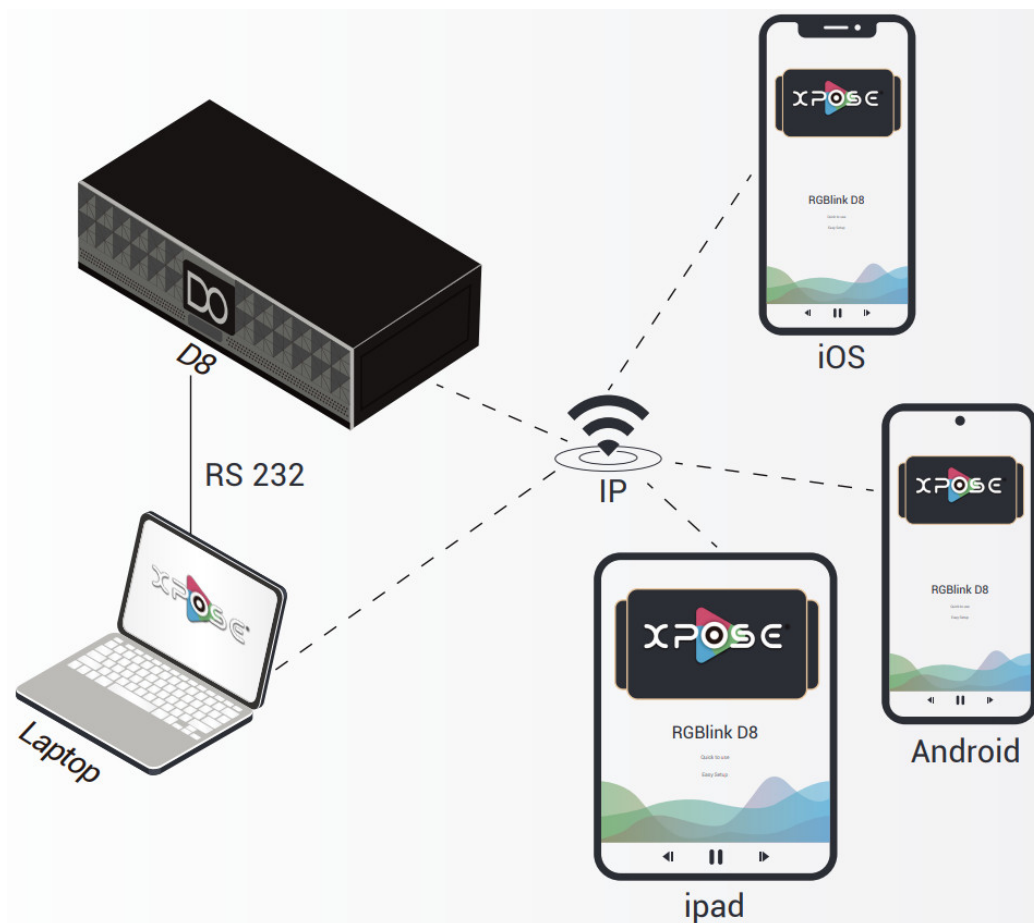
8K decoding application on MAC

It can decode the video picture on the Mac and output four 4K signals to the display terminal



multi-platform control

D8 is mainly controlled by R&D XPOSE software, but in addition, D8 also supports Android, Apple mobile phone, tablet control, and also based on IP-controlled Webserver. In addition, D8 also provides open API files for customers to use third-party equipment, which truly meets different customer site control needs.

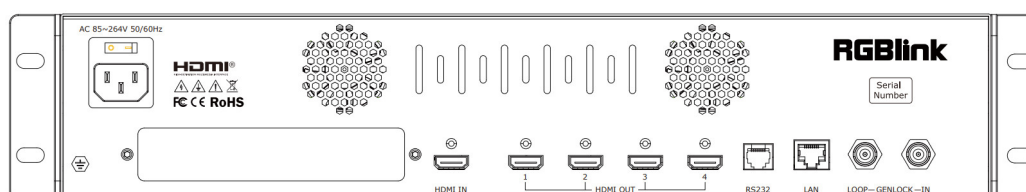


4 inch LCD touch screen

The built-in 4-inch LCD touch screen optimizes the overall front panel aesthetic design and optimizes the user experience. You can directly control and select switching modes through the front panel touch. The front panel can also check the input and output status in real time without using an external display screen to ensure display security.



Specification



Connctetors

Input	Standard	HDMI 2.1	1×HDMI-A
Output	Standard	HDMI 2.0	4×HDMI-A
Control	Standard	LAN	1×RJ45
		Genlock In / Loop	1×RS232
Communication	Standard	LAN	2×BNC
		Serial Port	1×RJ45
		RS232	1×RJ11
Power	1×IEC (Each Power)		

Performance

Input Resoluti ons	Select from below or configure customized	
	HDMI 2.1	
	SMPTE	720p@50/60 1080p@30/50/60 2160p@30/60 4320p@30/60
	VESA	1024×768@60 1280×720@60 1280×768@60 1280×800@60 1280×1024@60 1360×768@60 1440×900@60 1920×1200@60 3840×570@60 2560×1600@60/120 3840×2160@30/60 3840×2400@60 4096×2160@60 7680×4320@60
Output Resol ution	Select from below or configure customized	
	HDMI 2.0	
	SMPTE	720p@50/60 1080p@30/50/60 2160p@30/60
	VESA	1024×768@60 1280×720@60 1280×768@60 1280×800@60 1280×1024@60 1360×768@60 1440×900@60 1920×1200@60 3840×570@60 2560×1600@60/120 3840×2160@30/60
Supported St andard	HDMI	2.1
Serial Port	12 bit for 8K30, 10 bit for 8K60	
Color Space	8K30 YUV 422, 8K60 YUV 420	

Power

Input Voltage	AC 100V-240V, 50/60Hz
Max Power	60W

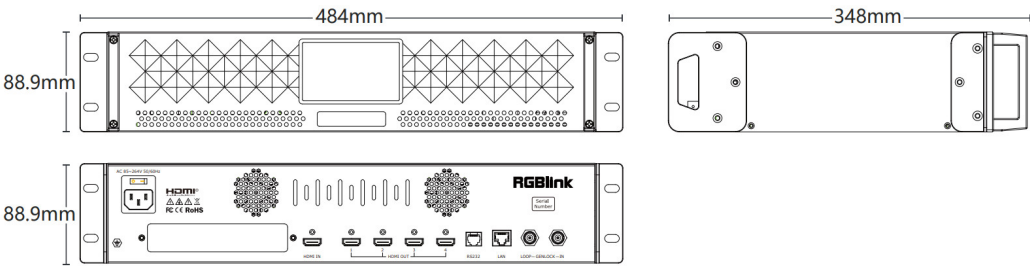
Environment

Temperature	0 °C 70 °C
Humidity	15% ~ 85%

Physical

Device Weight	7.2kg
Packaged Weight	8.5kg
Device Dimension	484mm×480mm×88.9mm
Packaged Dimension	530mm×530mm×130mm

Dimension



Order Codes

130-0008-01-0	D8
Product Code	Item

HDMI® HDCP™

RGBlink®

Proudly designed and manufactured
in Xiamen Hi Technology Zone, China

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Documents / Resources



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D8 8K-Class Video Processor, D8, 8K-Class Video Processor, Video Processor, Processor

References

- [RGBlink](#)

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