PRELIMINARY

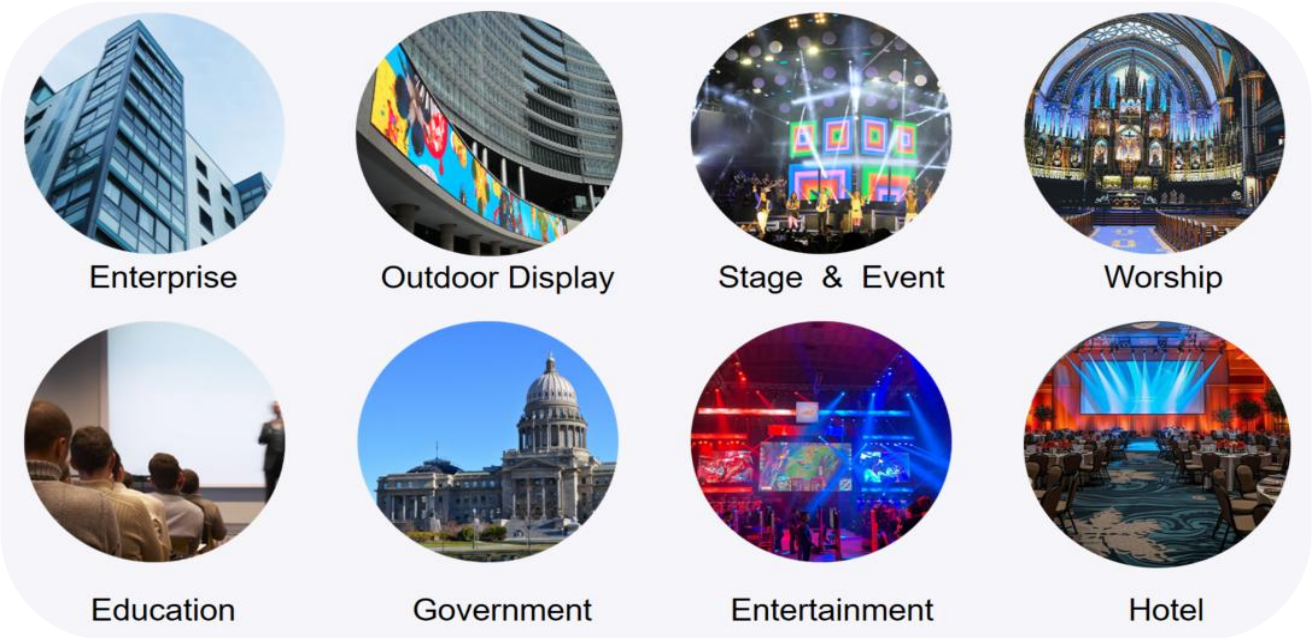
RGBlink®



X1 Gen2

Broadcast-grade LED Video Processor

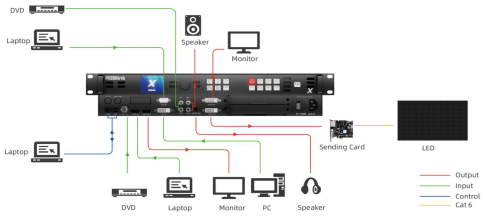
After 7 years, X1 iteration happens and Gen2 is released, refine and enhance based on market feedback and trends.
As a leading broadcast video processor, X1 solids its DVI output resolution up to 2048×1152@60 and customized resolution capacity. And it offers an optional SDI module to meet studio and rental requirement, also extends its broadcast ability to multiple test pattern build in, seamless switching between inputs, auto detection for VESA and SMPTE input standard, audio embedded and de-embedder.
X1 is dedicated for LED display processor and compatible with common LED control system, including Novastar, Colorlight, Linsn, Mooncell and RGBlink.



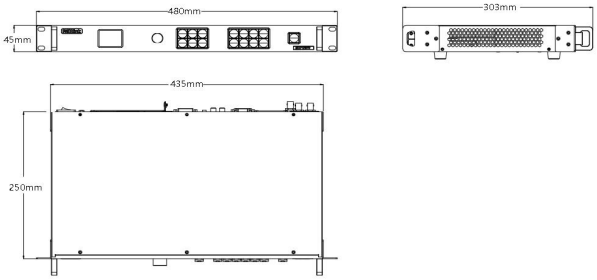
Key Features

- Picture-in-Picture (PIP), Picture-by-Picture (PBP), and customized PIP layout
- Audio and video synchronization
- Support multiple signal format inputs
- Seamless TAKE switching between inputs
- DSK/Chroma Key
- open API for 3rd party integration
- EDID management for both DVI and HDMI inputs
- Standard build in with 2 DVI outputs
- Customized output resolution
- Multiple units can be cascaded for uniform control
- On board test patterns

Application



Dimensions



Specification

Connectors	Input	**X1 Gen2**		
		Standard with	HDMI In/Loop	2×HDMI-A
			DVI	1×DVI-I
			VGA	1×DB15
			CVBS	1×BNC
		X1-S Gen2		
		Standard with	HDMI In/Loop	2×HDMI-A
			DVI	1×DVI-I
			VGA	1×DB15
			CVBS	1×BNC
			SDI In/Loop	2×BNC (1 In | 1 Loop)
	Output	*Standard with*	DVI	2×DVI-I
	Audio		IN L/R	2×RCA
			OUT L/R	2×RCA
			AUDIO OUT	1×3.5mm Stereo Jack
	Communication		RS232	1×RJ11
			USB	1×USB-B
	Power			1×IEC
Performance	Input Resolution	DVI | HDMI		
		SMPTE	480i | 576i | 720p@50/59.94/60 | 1080i@50/59.94/60 | 1080p@50/59.94/60	
		VESA	800×600@60 | 1024×768@60 | 1280×768@60 | 1280×1024@60 | 1366×768@60 | 1600×1200@60 | 1920×1080@60	
		VGA		
		VESA	800×600@60 | 1024×768@60 | 1280×1024@60 | 1366×768@60 | 1440×900@60 | 1600×1200@60	
		SDI		
		SMPTE	480i | 576i | 720p@25/30/50/60Hz | 1080i@50/59.94/60Hz | 1080p@23.98/24/25/29.97/30/50/59.94/60	
	Output Resolution	*Select from below or configure customized*		
		DVI		
		SMPTE	720p@50/60 | 1080p@50/60	
		VESA	1024×768@60 | 1280×720@60 | 1280×800@60 | 1280×1024@60 | 1360×768@60 | 1366×768@60 | 1440×900@60 | 1400×1050@60 | 1600×1200@60 | 1680×1050@60 | 1920×1080@60 | 1920×1200@60 | 2048×1152@60 | 2560×816@60	
	Supported Standard	SDI	SMPTE 425M (Level A & B) | SMPTE 424M | SMPTE 292M | SMPTE 259M-C | DVB-ASI	
		VGA	UXGA	
		HDMI	1.3	
Power	Input Voltage	AC 85~264V, 50/60Hz		
	Max Power	25W		
Environment	Temperature	0℃~40℃		
	Humidity	10%~85%		
Physical	Weight	Net	3.1kg	
		Packaged	5.25kg	
	Dimension	Net	480mm×303mm×45mm	
		Packaged	525mm×340mm×120mm	

Order Codes

Product Code	Item
110-0002-01-0	X1 Gen2
110-0002-02-0	X1-S Gen2

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