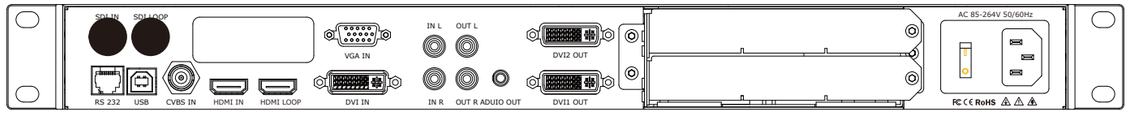


Specification

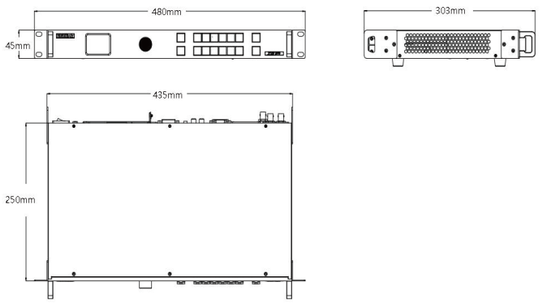
PRELIMINARY

Connectors	Input	X1		
		Standard with	HDMI In/Loop	2×HDMI-A
			DVI	1×DVI-I
			VGA	1×DB15
			CVBS	1×BNC
		X1-S		
		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 Backup)
	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		Serial RS232 In	1×RJ11
			Serial USB In	1×USB-B
	Power		1×IEC	
Performance	Input Resolutions	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 | 1920×1080@60	
		SDI		
		SMPTE	480i | 576i | 720p@25/30/50/60Hz | 1080i@50/59.94/60Hz | 1080p@23.98/24/25/29.97/30/50/59.94/60Hz	
	Output Resolutions	Select from below or configure customized		
		DVI		
		SMPTE	720p@30/50/60 | 1080p@30/50/60	
		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 100V-240V, 50/60Hz		
	Max Power	25W		
Environment	Temperature	0℃ ~ 55℃		
	Humidity	20%~90%		
Physical	Weight	Net	3.1kg	
		Packaged	5.25kg	
	Dimension	Net	480mm×303mm×45mm	
		Packaged	540mm×360mm×135mm	

Order Codes

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

Dimensions



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Broadcast-grade LED Video Processor

RGBlink®

X1 Gen2

After 7 vears, X1 iteration happens and Gen2 is released, refine and enhance based on market feedback anotrends.

As a leading broadcast video processor, X1 Gen2 solids its DVl output resolution up to 2048x1152@ 60 anocustomized resolution capacity. And it offers an optionalSD module to meetstudio and rental requirement, also extends its broadcast ability to multiple test pattern build in, seamlessswitching between inputs, auto detection for VESA and SMPTE input standard,audio embedded and de-embedder.

X1 Gen2 is dedicated for LED display processor and compatible with common LED control system, includingNovastar, Colorlight, Linsn, Mooncell and RGBlink.

Features

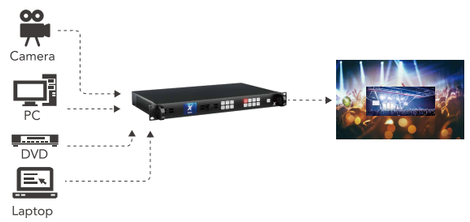
- Picture-in-Picture (PIP), Picture-by-Picture (PBP), and customized PIP layout
- Audio and video svnchronization
- Support multiple signal format inputs
- Seamless TAKE switching between inputs
- DSK/Chroma Key
- open API for 3rd party integration
- EDID management for both DVl and HDMIinputs
- Standard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

Seamless Switching

X1 supports seamless switching between any in and any out, and supports TAKE pre-sync for delay free switching and signal confirmation before switch the input signal source.

Picture-by-Picture display

Select any input signal for use as a PIP , configure sources side-by-side as PBP (picture-by-picture) for area of interest display for specific displays. Menu functionally provides quick presets as well as refinements.



Multi-Device Splicing

Combine multiple devices linking via HDMI to provide pixel perfect video for splicing multiple displays.

Audio Integrated

X1 supports RCA audio input and output, supports audio plus de-embedding, HDMI input and DVI input support embedded audio input, external audio output interface can be connected to the stereo and other equipment, applied to advertising, bars and other projects.

Broadcast-quality SDI processing

The SDI input is compatible with standard SMPTE signal formats including SD SDI/ HD SDI/ 3G SDI and supports backward compatibility. In addition, it is equipped with noise reduction, jaggedness elimination and positional fine-tuning functions to meet the needs of broadcast-quality camera capture applications.

One-click keying

No need for complex operations to complete the virtual scene cut, support for a variety of preset background colours (green, blue, white, black, red), one-click keying, but also supports user-defined settings to meet the graphic overlay, the environment of the green screen shooting, the environment of the blue screen shooting, and other application scenarios