

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 solidifies 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 requirements, also extends its broadcast ability to multiple test patterns built in, seamless switching between inputs, auto detection for VESA and SMPTE input standards, audio embedded and de-embedder.

X1 is dedicated for LED display processor and compatible with common LED control systems, including Novastar, Colorlight, Linsn, Mooncell and RGBlink.



Enterprise



Outdoor Display



Stage & Event



Worship



Education



Government



Entertainment

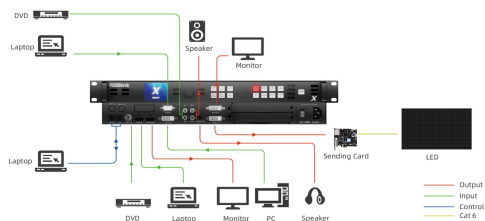


Hotel

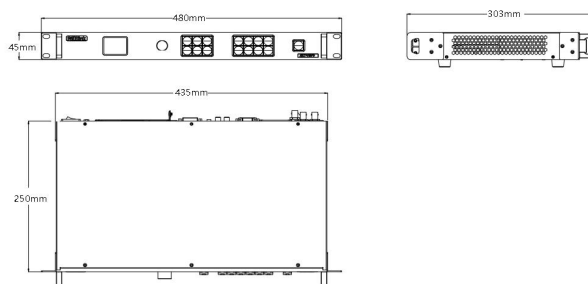
Key Features

- 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 <i>Standard with</i> HDMI In/Loop 2×HDMI-A DVI 1×DVI-I VGA 1×DB15 CVBS 1×BNC
		X1-S Gen2 <i>Standard with</i> 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	<i>Standard with</i> 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	<i>Select from below or configure customized</i> 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°C~40°C
	Humidity	10%~85%
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

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