X2s

LED Video Controller

Specification

Overview

X2s is a professional LED video controller.

- It possesses powerful video signal receiving and processing capacities and supports HD digital signals, with a maximum input resolution of 1920x1200 pixels.
- Support HD digital ports, including HDMI and DVI, and seamless signal switching. It supports arbitrary scaling and cropping of video sources.
- Adopt 2x Gigabit Ethernet outputs and support LED displays of 4096 pixels in maximum width or 2560 pixels in maximum height.
- Meanwhile, the X2s has a series of versatile functions that can provide flexible screen control and high-quality image displays. It can be perfectly applied to small LED displays.

Features

- 1x HDMI and 2x DVI signal inputs, maximum load capacity 1.31 million pixels, maximum width: 4096 pixels, maximum height: 2560 pixels.
- 2x Gigabit Ethernet outputs, input resolutions up to 1920x1200@60Hz, support customized resolutions.
- Single device or dual devices redundant backup.
- Arbitrary switching, cropping and scaling of video source.
- Screen deviation.
- Adapt to a multi-functional card to achieve audio output.
- HDCP.
- Brightness and color temperature adjustment.
- Support improved gray-scale at low brightness.
- USB port for control and cascading. Up to 64 devices can be cascaded at most.

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Hardware

Front panel

Name	Function
LCD	Display operation menu and system information.
Knob	Turning knob to select or adjust.
Function Keys	OK: Enter key. ESC: Escape current operation or selection. BRIGHT: Brightness option. BLACK: Blank screen. PART: Crops screen.
Selection Keys	DVI 1 / DVI 2 / HDMI: Video source selection.
On/Off	Power on/off.

Rear panel

Input	
DVI	2x DVI inputs.
HDMI	HDMI1.4 input.
AUDIO	Audio input. For use with a multifunctional card (Optional).
Output	
Port 1-4	RJ45, 2× Gigabit Ethernet outputs.
Control	
USB IN	USB input, which connects with PC to configure parameters.
USB OUT	USB output, cascading with the next controller.
Power	
MAINS INPUT	AC 100~240V, built-in fuse.

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Specifications

Model		X2s
Size		1U
Electrical Specifications	Input Voltage	AC100~240V, 50/60Hz
	Power Consumption	10W
Operating Environment	Temperature	-20°C~60°C / -4°F~140°F
	Humidity	0%RH~80%RH, non-condensing
Storage Environment	Temperature	-30°C~80°C / -22°F~176°F
	Humidity	0%RH~90%RH, non-condensing
Device Specifications	Dimensions	W×H×D / 482.6mm (19") ×44.0mm (1.7") ×262mm (10.3")
	Net Weight	2kg / 4.4lbs
Packing Specifications	Dimensions	W×H×D / 523.0mm (20.6") ×95mm (3.7") × 340mm (13.4")
	Net Weight	0.7kg / 1.54lbs

Signal format

DVI			
Standard	VESA standard, support HDCP 1.4.		
Input	Type	Color space	Max resolution
	8bit	RGB4:4:4	1920×1200@60Hz
		YCbCr4:4:4	
		YCbCr4:2:2	
	Frame rate	23.98/24/25/29.97/30/50/59.97/60Hz	
HDMI 1.4			
Standard	HDMI 1.4, support HDCP.		
Input	Type	Color space	Max resolution
	8bit	RGB4:4:4	1920×1200@60Hz
		YCbCr4:4:4	
		YCbCr4:2:2	
	Frame rate	23.98/24/25/29.97/30/50/59.97/60Hz	

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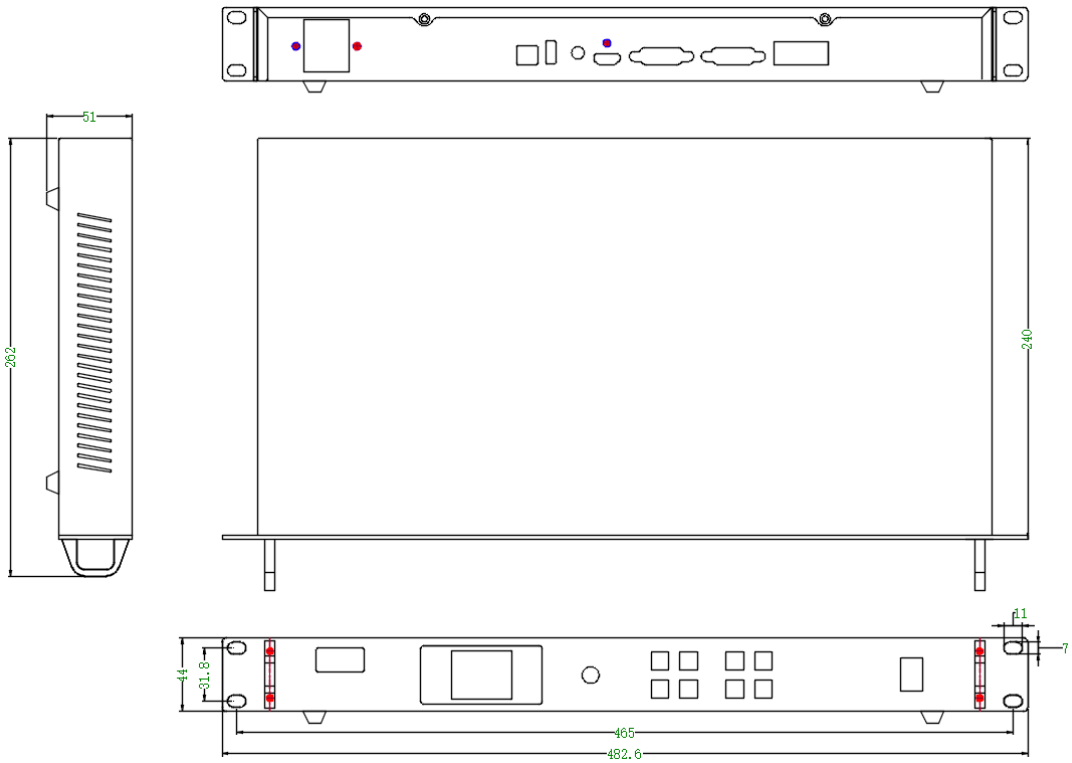
Reference dimensions

Unit: mm



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