

X2s

LED Video Controller

Specification V1.2



Overview

X2s is a professional LED video controller. It possesses powerful video signal receiving and processing capacities, and supports HD digital signals, in which the maximum input resolution is 1920×1200 pixels. It supports HD digital ports including HDMI and DVI, and seamless switching between signals. It supports arbitrary scaling and cropping of video sources.

X2s adopts 2×Gigabit Ethernet outputs, and it supports LED displays of 4096 pixels in maximum width or 2560 pixels in maximum height. Meanwhile, X2s is equipped with a series of versatile functions which can provide flexible screen control and high-quality image displays. It can be perfectly applied to small LED displays.

Features

- 1×HDMI and 2×DVI signal inputs, maximum Load capacity 1.31 million pixels, maximum width: 4096 pixels, maximum height: 2560 pixels.
- 2×Gigabit Ethernet outputs, input resolutions up to 1920 × 1200@60Hz, support customized resolutions.
- Single device or dual devices redundant backup.
- Arbitrary switching, cropping and scaling of video source.
- Screen deviation.
- Separate audio input.
- HDCP.
- Brightness and color temperature adjustment.
- Supports improved gray-scale at low brightness.
- USB port for control and cascading.

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
Power Switch	Power switching

Rear panel



Input	
DVI	2×DVI inputs
HDMI	HDMI1.4 input
AUDIO	Audio input Input audio signal and transmit to the multifunction card
Output	
Port 1-2	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, 50/60Hz, built-in fuse.

Signal format

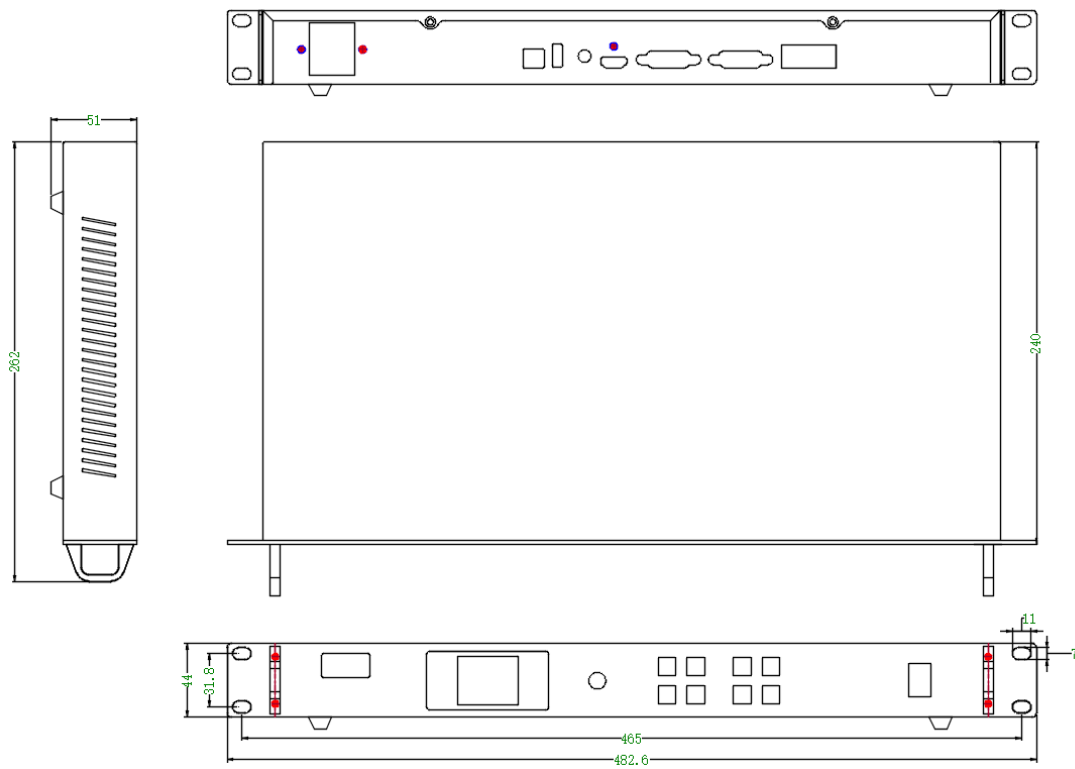
DVI			
Standard	VESA standard, support HDCP 1.4		
Input	Type	Color space	Max resolution
	8bit	RGB4:4:4	1920×1200@60Hz
		YCbCr4:4:4	
		YCbCr4:2:2	
Frame rate	23.98/24/25/29.97/30/50/59.97/60Hz		
HDMI 1.4			
Standard	HDCP1.4 standard, support HDCP 1.4		
Input	Type	Color space	Max resolution
	8bit	RGB4:4:4	1920×1200@60Hz
		YCbCr4:4:4	
		YCbCr4:2:2	
Frame rate	23.98/24/25/29.97/30/50/59.97/60Hz		

Parameters

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

Reference dimensions


Unit: mm



Statement

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