

X4s

LED Video Controller

Specification



Overview

X4s 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 4x Gigabit Ethernet outputs and support LED displays of 4096 pixels in maximum width or 2560 pixels in maximum height.
- Meanwhile, the X4s 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 2.60 million pixels, maximum width: 4096 pixels, maximum height: 2560 pixels.
- 4x 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.

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, 4 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.

Specifications

Model		X4s
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

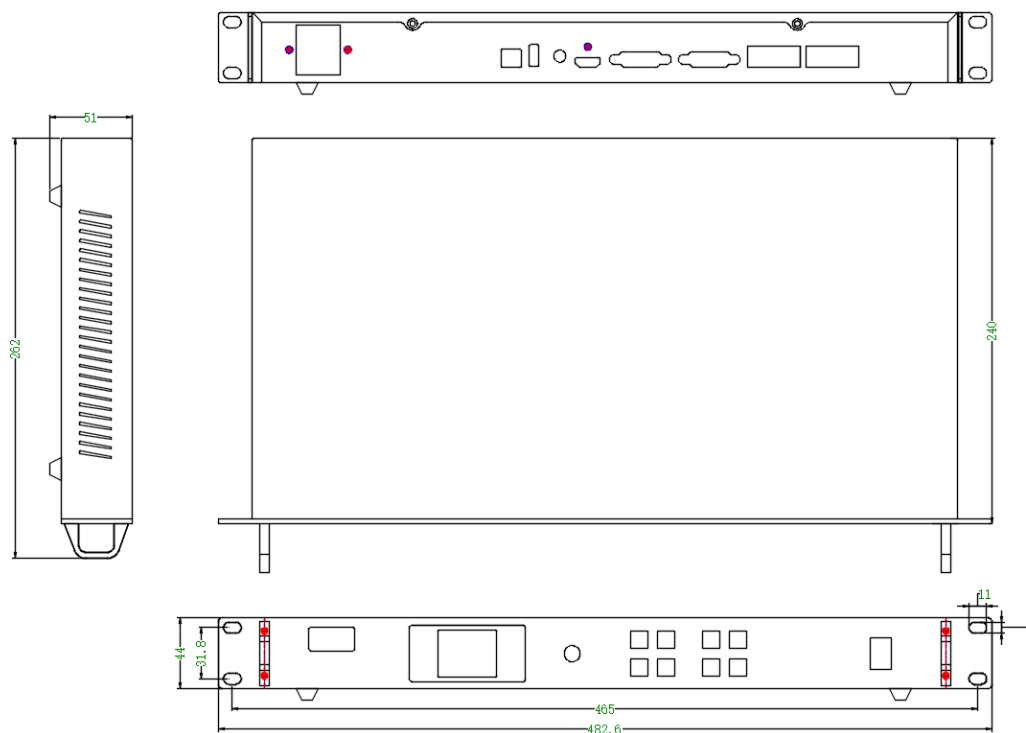
Signal format

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	

Reference dimensions

Unit: mm



Statement

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