



# X2s Controller

Specification

## X2s

### Overview

X2s is a professional LED display 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

- Supports 2 kinds of video input ports, including 1×HDMI and 2×DVI
- Supports input resolutions up to 1920×1200@60Hz
- Loading capacity: 1.31 million pixels, maximum width: 4096 pixels, maximum height: 2560 pixels
- Supports arbitrary switching, scaling and cropping of video sources
- Supports screen offset
- Dual USB 2.0 for high speed configuration and easy cascading among controllers
- Supports brightness and chromaticity adjustments
- Supports improved gray-scale performance at low brightness
- Supports HDCP 1.1
- Compatible with all receiving cards, multifunction cards, and optical fiber transceivers of Colorlight

## Hardware

### The Front Panel



No.	Name	Function
1	Full-color LCD	Display operation menu and system information
2	Knob	Turning knob to select or adjust
3	Function Keys	OK: Enter key ESC: Escape current operation or selection BRIGHT: Brightness option BLACK: Blank screen PART: Crops screen
4	Selection Keys	DVI 1/DVI 2/HDMI: Video source selection
5	Power Switch	Power switching

**The Back Panel**


<b>Input Interface</b>		
1	HDMI	HDMI input HDMI 1.4 standard, supports 1920×1200@60Hz
2	DVI 1/2	2 DVI inputs HDMI 1.4 standard, supports 1920×1200@60Hz
3	AUDIO	Audio input input audio signal and transmit to the multifunction card
<b>Output Interface</b>		
1	Port 1/2	RJ45, 2 Gigabit Ethernet outputs
<b>Controlling Interface</b>		
1	IN	USB input, which connects with PC to configure parameters
2	OUT	USB output, cascading with the next controller
<b>Power</b>		
1	AC 100~240V	AC power interface

**Specifications**

Size	1U standard box
Input voltage	AC 100~240V
Rated Power Consumption	8W
Working Temperature	-20℃~60℃
Weight	2kg

Dimension

Unit: mm

