Colorlight

X3 Controller

Specification

Colorlight (Shenzhen) Cloud Technology Co., Ltd.

X3

Overview

X3 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.

X3 adopts 4 Gigabit Ethernet outputs, and it supports LED displays of 4096 pixels in maximum width or 2560 pixels in maximum height. Meanwhile, X3 is equipped with a series of versatile functions, which have many advantages in applications of manufacture and engineering.

Features

- Supports 2 kinds of video input ports, including 1×HDMI and 2×DVI

- Supports input resolutions up to 1920×1200@60Hz

- Loading capacity: 2.60 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 1.4

- Compatible with all receiving cards, multifunction cards, and optical fiber transceivers of Colorlight

Hardware

The Front Panel

No.	Name	Function
1	0.4-inch two digital tube	Displays brightness level
2	Indicator Light	Displays video signal status
3	Function Keys	＋: Enhances brightness －: Reduces brightness HDMI: Switches to HDMI video source DVI 1: Switches to DVI 1 video source DVI 2: Switches to DVI 2 video source PART: Crops screen
4	Power Switch	Power switching for equipment

The Back Panel

Input Interface		
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, used with multi-function card
Output Interface		
1	Port 1/2/3/4	RJ45, 4 Gigabit Ethernet outputs
Controlling Interface		
1	USB IN	USB input, which connects with PC to configure parameters
2	USB OUT	USB output, cascading with the next controller

Power		
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

Dimensions

Unit: mm