Colorlight

S6HD Sender

Specification

Beijing Colorlight Technology Co., Ltd.

S6 HD Sender

Overview

S6 is a full HD sender with high capability of HDMI&DVI input and transmission. S6 can communicate with PC via high-speed USB or 100M LAN. It can cascade with other senders, and the operation is simple and convenient. S6 can be applied to high-end LED display perfectly.

Features

- Video input ports including 1 HDMI with loop, 1 DVI with loop;

- Input resolution up to 1920×1200@60Hz;

- Loading capacity: 2.3 million pixels; Maximum Width: 4096 pixels, Maximum Height: 4096 pixels;

- Support splicing and cascading among several senders with synchronization strictly;

- Genlock signal ensures synchronism of display image ;

- Support brightness and chromaticity adjustment, color gamut transformation;

- Support zero latency of sending;

- Support improved gray-scale at low brightness;

- Support HDCP1.4;

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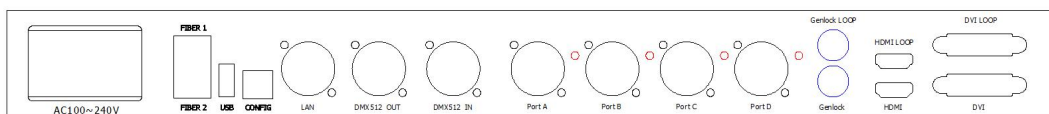
Hardware

The Front Panel

No	Name	Function
1	1.8-inch LCD	Display operation menu and system information
2	Knob	Turning knob to select or adjust
3	Function shortcuts	OK：Enter key ESC：Escape current operation or selection Bright：Brightness option Freeze：Freeze screen Black：Black screen Lock：Lock keys
4	Selection keys of signal input	DVI：Set DVI as video input source HDMI：Set HDMI as video input source

The Back Panel

Input Interface		
1	HDMI	HDMI1.4 input with loop
2	DVI	DVI input with loop
Output Interface		
1	Gigabit Ethernet	4 Gigabit Ethernet outputs
2	Fiber Output	2 single mode LC fiber outputs

Controlling Interface			
1	USB_OUT	USB output, cascading with next sender
2	USB_IN	USB input,which connects with PC to configure parameters
3	100M Ethernet	Network Control (communication with PC, or access network)
4	DMX512_IN	DMX512 signal input
5	DMX512_OUT	DMX512 signal output
6	GENLOCK	Genlock signal input, ensure synchronism of display image
7	GENLOCK_LOOP	Genlock signal loop output

Specifications

Input Index		
Port	Number	Resolution Specification
HDMI	1	EIA/CEA-861 Standard, in accordance with HDMI-1.4 standard, support HDCP1.4
DVI	1	VESA Standard (support 1080p)

Specification of complete machine	
Size	1U standard box
Input Voltage	AC 100~240V
Rated Power	20W
Working temperature	-25~60℃
Weight	2KG

Dimension

Unit：mm