Colorlight

S2

S2 Sender

Specification

S2 Synchronous Sender

Features

- DVI signal input port

- Audio input port with synchronous transmission via Ethernet cable

- Maximum input resolution: 1920*1200 pixels

- Loading capacity: 1.31 million pixels

  Maximum Width: 2560 pixels, Maximum Height: 2560 pixels

- 2 Gigabit Ethernet port outputs support screen arbitrary splicing

- Dual USB ports for high speed configuration and easy cascading

- Improved grayscale performance at low brightness

- Wide working voltage with AC 100 ~ 240V

- Compatible with all series of Colorlight receiving cards

Specifications

Video source interfaces	
Type	DVI
Receiving Resolution	1920*1200 pixels
Frame Rate	Standard 60Hz, and auto adjustment
Gigabit Ethernet Outputs	
Quantity	2 ports
Net Port Control Area	Each net port is 1280*512 pixels (or equivalent area). 2 net ports are 1280*1024 pixels (or equivalent area) Single card max width up to 2560 pixels, and 2560 pixels in height
Transmission Distance	CAT5≤140M；CAT6≤170M；Optical fiber: No limitation
Net Port Cascading	Up-down or left-right cascading defined by user
Transmission Mode	Frame mode (Gigabit Ethernet) with CRC
Connecting Device	
Receiving Card	Compatible with all series of Colorlight receiving card
Peripherals	Multifunction cards, optical fiber transceiver, gigabit switcher
Parameters	
Size	275*198*44 mm
Input Voltage	AC 100V-240V
Power Consumption	15W
Weight	2.1kg
External Interface	
Configuration Port	USB
Real-time Configuration	Support
Brightness and Chromaticity Adjustment	Support

Smart Detection System	DVI interface detection
Real-time Clock	Includes real-time clock
More Functions	
Multi-Screen Control	Multiple screens with different sizes can be controlled simultaneously
Background Playing	Support background playing (Extended mode)
Audio Transmission	Support
BER Detection	Ethernet cable quality and malfunction detection

Hardware

1. Interface Description

No	Name	Function	Remarks
1	Indicator panel and Configuration button	Adjust the brightness of the entire screen (16 levels); Display the whole screen test mode conversion	Press "+"and "– "together to switch between brightness adjustment and testing mode.
2	Power Switch	On/off	
3	Power Socket	AC 100~240V	
4	Output Ports	RJ45, to transmit network signals	The control area of

		the two outputs can be separately set
5	Audio input	Input audio signal via Ethernet cable	
6	USB TYPE-A	USB output, cascading among multiple sending cards	
7	USB TYPE-B	USB input, connecting PC for configuring parameters	
8	DVI Input	DVI output interface, connect to the graphics card	

2. Dimension

Unit: mm