#### **S4 HD Sender**



#### **Features**

- HDMI and DVI signal input ports with HDMI signal loop output port
- Maximum input resolution: 1920\*1200 pixels
- Maximum loading capacity: 2.30 million pixels
   Maximum Width: 4096pixels, Maximum Height: 2560 pixels
- 4 Gigabit Ethernet outputs support screen arbitrary splicing
- Dual USB2.0 for high speed configuration and easy cascading
- Support brightness and chromaticity adjustment
- Improved grayscale performance at low brightness
- Support HDCP
- · Compatible with all series of Colorlight receiving card

### **Specification**

# **Specifications**

| -                          |  |  |  |  |
|----------------------------|--|--|--|--|
| Video source inte          | rface  |  |  |  |
| Interface Type             | 1*DVI+1*HDMI+1*HDMI_LOOP   |  |  |  |
| Input Resolution           | 1920*1200 pixels maximum   |  |  |  |
| Video Source<br>Frame Rate | 60Hz, support auto-adjustment  |  |  |  |
| Receive Area               | Can be set freely  |  |  |  |
| Output                     |  |  |  |  |
| Net Port<br>Number         | 4 gigabit Ethernet ports   |  |  |  |
| Control Area               | 2.3million pixels maximum  Maximum Width: 4096pixels, Maximum Height: 2560 pixels                      |  |  |  |
| Transmission Distance      | CAT5≤140M;CAT6≤170M;Optical fiber: No limitation   |  |  |  |
| Cascading                  | Up-down or left-right cascading defined by user  |  |  |  |
| Transmission<br>Mode       | Frame mode (Gigabit Ethernet) with CRC   |  |  |  |
| Connection equipment       |  |  |  |  |
| Receiving Card             | Compatible with all series of Colorlight receiving card  |  |  |  |
| Peripherals                | Multifunction card, optical fiber transceivers, gigabit switcher                                       |  |  |  |
| Specification              |  |  |  |  |
| Size                       | 1U standard box  |  |  |  |
| Input Voltage              | AC 100~240V  |  |  |  |
| Rated Power<br>Consumption | I 20W  |  |  |  |
| Weight                     | 2kg  |  |  |  |
| External interface         | External interfaces  |  |  |  |
| Configuration<br>Port      | USB 2.0*1  |  |  |  |
| DVI Information            | Present info about frame rate, blanking value, clock, display status of video card and video processor |  |  |  |
| Brightness                 | Adjustment by knob, auto saved in sending card, what you see is  |  |  |  |
| Adjustment                 |  |  |  |  |
| Real Time Configuration    | ,  |  |  |  |
| Comparation                | white 100 Bet  |  |  |  |

### **Specification**

| Brightness and Chromaticity Adjustment | Support  |  |  |  |
|--|--|--|--|--|
| Smart Detection<br>System              | DVI interface detection, temperature detection                         |  |  |  |
| More functions                         |  |  |  |  |
| Cascading                              | Via USB ports. Support synchronous parameter setting and read back     |  |  |  |
| Multiple Screen<br>Control             | Multiple screens with different sizes can be controlled simultaneously |  |  |  |
| Background<br>Playing                  | Support background playing (Extended mode)                             |  |  |  |
| BER Detection                          | Ethernet cable quality and malfunction detection                       |  |  |  |

#### Hardware



# 1. Interface Description

| No | Name  | Function  | Remarks   |
|----|---|---|---|
| 1  | Power switch  | On/off  |   |
| 2  | Power socket  | AC power input  |   |
| 3  | USB_OUT   | USB output, sender cascading supported  |   |
| 4  | USB_IN  | USB input, connect with computer for configuration  |   |
| 5  | Audio input   | Input audio signal and transmit to the multifunction card   |   |
| 6  | Output Port   | RJ45, 4 outputs, connect to receiving cards   | 4 Gigabit Ethernet outputs support screen arbitrary splicing                        |
| 7  | DVI_IN  | DVI signal input  |   |
| 8  | HDMI_IN   | HDMI signal input   |   |
| 9  | HDMI_LOOP   | HDMI loop output, for connecting or monitoring other senders  |   |
| 10 | Indicator panel                                     | To show brightness value  |   |
| 11 | Brightness<br>adjustment<br>and test<br>mode 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. Dimension

unit: mm

