



**S4**

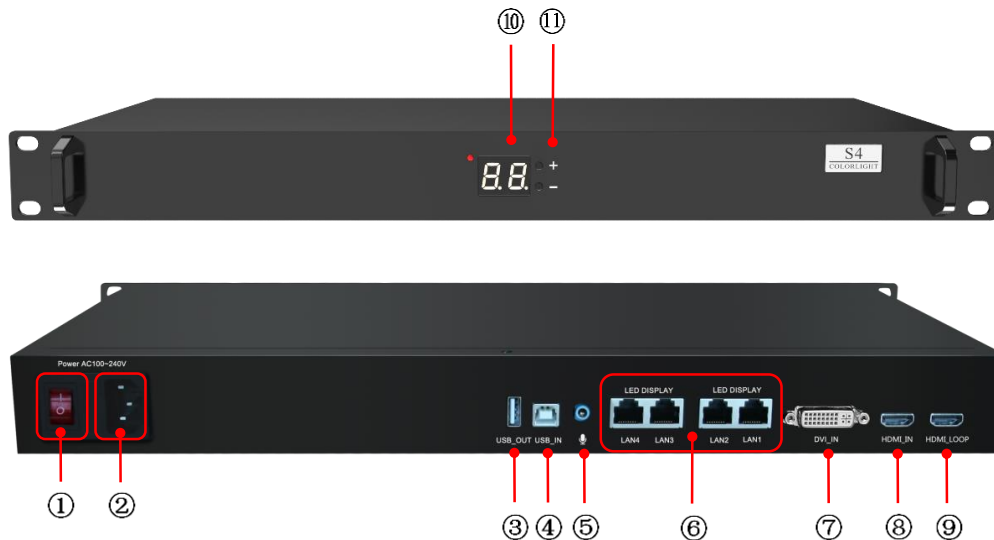
Controller

Specification V2.3

## Features

- HDMI and DVI signal input ports with HDMI signal loop output port
- Maximum input resolution: 1920×1200 pixels
- Maximum loading capacity: 2.3 million pixels  
Maximum Width: 4096pixels, Maximum Height: 2560 pixels
- 4 Gigabit Ethernet outputs support screen 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

## Hardware



No	Name	Function	Remarks
1	Power switch	On/off	
2	Power socket	AC power input	
3	USB_OUT	USB output, as cascading output	
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	Gigabit Ethernet outputs support screen splicing
7	DVI_IN	DVI signal input	
8	HDMI_IN	HDMI signal input	
9	HDMI_LOOP	HDMI loop output, for connecting	

		or monitoring other controllers	
10	Indicator panel	To show brightness value	
11	Brightness adjustment and test 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.

## Specifications

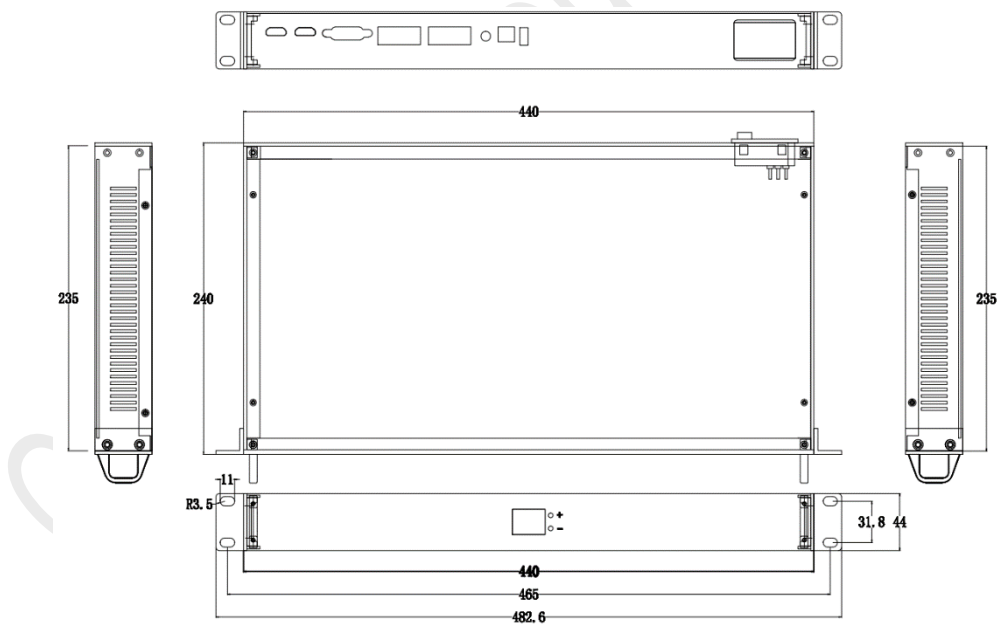
<b>Video source interface</b>	
Interface Type	1×DVI+1×HDMI+1×HDMI_LOOP
Input Resolution	Up to 1920×1200 pixels
Video Source Frame Rate	60Hz, support auto-adjustment
<b>Output</b>	
Net Port Number	4 Gigabit Ethernet ports
Control Area	Up to 2.3million pixels maximum Maximum Width: 4096pixels, Maximum Height: 2560 pixels
Transmission Distance	Recommend: CAT5≤100m
<b>Connection equipment</b>	
Receiving Card	Compatible with all series of Colorlight' s receiving card
Peripherals	Multifunction card, optical fiber transceivers, Gigabit switcher
<b>Specification</b>	
Chassis Size	1U
Input Voltage	AC 100~240V, 50/60Hz
Rated Power Consumption	20W
Weight	2kg

<b>External interfaces</b>	
Configuration 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	Adjustment by knob, auto saved in sending card
Real Time Configuration	Gamma, control area, parameters setting
Brightness and Color Temperature Adjustment	Support
Smart Detection System	DVI interface detection, temperature detection
<b>More functions</b>	
Cascading	Via USB ports. Support synchronous parameter setting and read back
Multiple Screen Control	Multiple screens with different sizes can be controlled simultaneously
BER Detection	Ethernet cable quality and malfunction detection

## Dimensions

Unit: mm



## Statement

Thank you for purchasing the product of Colorlight Cloud Tech Ltd. If you encounter any problems during use or have any suggestions, please contact us through official channels. We will do our best to provide support and listen to your valuable suggestions. We will constantly make improvements on technical

specifications but without notice. You can visit [www.colorlightinside.com](http://www.colorlightinside.com) to get more updated information.

Colorlight Russia and Belarus: [www.powerlight.ru](http://www.powerlight.ru)



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