



 **SYSOLUTION**

S200

**Independent master video
processor**

Product specification

Version: Ver.1.2

Statement

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Update Record

No.	Version	Update	Revise
1	Ver.1.0	Initial	2022.12.19
2	Ver.1.1	Update Content	2024.06.24
3	Ver.1.2	Update Content	2025.03.21

The document is subject to change without prior notice.

Product Description

The S200 has its capability of receiving a variety of video signals, ultra high-definition 4KX2K@60HZ image processing and sending capability; it can send the processed video to the led screen through the Ethernet Port; with strong processing ability, super reliability and high cost performance.

Applicable scenarios

The S200 is with powerful video processing and sending ability which has been widely used in various application scenarios such as: Stage, Conference, Event, Exhibition, High-end Rental and Small Pixel Pitch Led Displays.

Product Features

1. Varieties of input interface: 1X DP 1.2 Input; 1X HDMI2.0 Input;1X Audio Input
2. Varieties of Output Interface: 20X Gigabyte Ethernet Port Output;
3. Multiple Communication Control Methods:1X USB Port; 1X Serial Port;1X 100 Megabyte Ethernet Port.
4. It supports Ethernet Port Loop Dual Backup, Dual Master Controller Backup.
5. It supports to have multiple preset resolutions; and the user defined resolution is supported.
6. It is compatible with 30HZ,50HZ,60HZ,120HZ and other Frame Rate Input.
7. It supports the upper computer software to detect the operating parameters and status of the sending card.
8. It supports to read the configurations back from where it was stored (configuration read back)
9. It supports to detect the error rates of the gigabyte network.
10. Support 3D display, active 3D display
11. Support 3D-LUT
12. Support zoom function

Product Images



Load range

Loading Capacity	1 Network Port	650 Thousand Pixels
	Entire Unit	10.4 Million Pixels
Loading Range	Width	128—4096 Pixels
	Height	64—4096 Pixels
	Width /entire unit	128-8192 pixels
	Height/entire unit	64-8192 pixels
Shift Range	Width	0—8192 Pixels
	Height	0—8192 Pixels

Interface definitions

Front panel



Front Panel Description		
Serial number	Keystrokes	Description
1	Power switch	Master power switch
2	LCD	For displaying the current status of the device and setting the parameters of the menu items
3	Knobs	When in the main interface, press the knob to enter the menu operation interface. For menu operation, turn the knob to select a menu, press the knob to select the current menu or enter a sub-menu
4	Return button	Exits the current menu or operation.

Rear panel



Backside Panel Illustration

Input Interface

Interface	QTY	Illustration
AUDIO	1	3.5mm Audio Input Interface
DP1.2	1	The maximum resolution 3840x2160@60Hz,downwards compatible. The maximum width of the graphics card is 7680, and the maximum height is 7680.
HDMI2.0	1	The maximum resolution 3840x2160@60Hz,downwards compatible. The maximum width of the graphics card is 7680, and the maximum height is 7680.

OUTPUT Interface

Interface	QTY	Illustration
Ethernet Port	20	20 x Gigabyte Ethernet Port Output,The loading capacity could reach up to 10.4 million pixels. The maximum loading capacity for 1 single network port:

Control Interface

Interface	QTY	Illustration
USB	1	to connect to the PC end
RS232	1	1x DB9 interface to connect the central control devices.
LAN	1	100M megabyte Interface for Local Area Network Communication

Extension Ports

SD	1	Connect the SD Card/Saving the parameters/ Retrieve the parameters from the SD Card when the device is replaced
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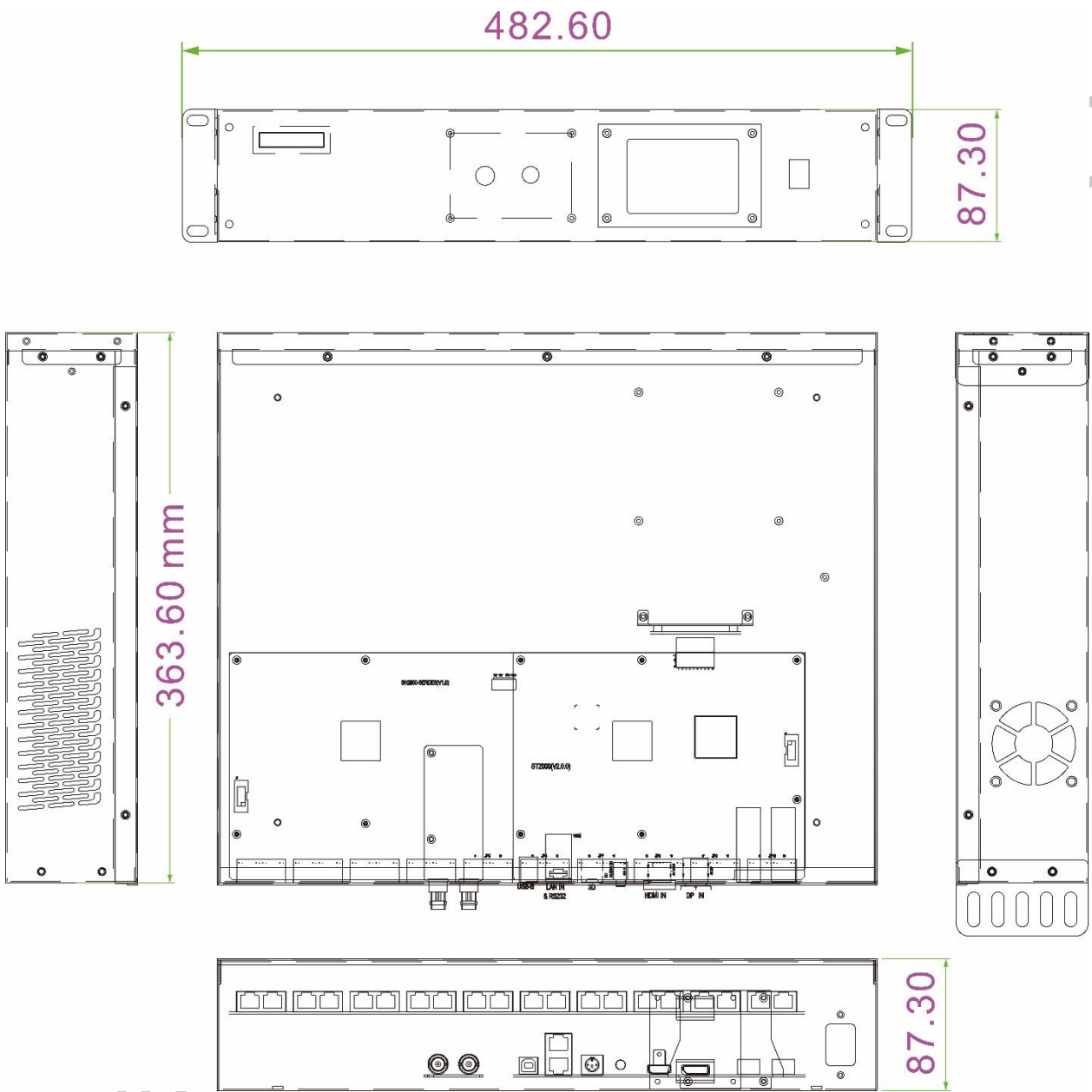
Power Interface

Interface	QTY	Illustration
Power Port	1	AC-100-240V-50/60HZ AC Power Connector

Working parameters

Electric Parameters	Input Voltage	AC-100-240V-50/60HZ
	Rated Power	70W
Operating Environment	Operating Temperature	-20°C - 70°C
	Operating Humidity	10%RH-90%RH No Solidification
Dimensions(Device)	482.6mmX363.6mmX87.3mm (Length x Width x Height)	
Dimensions (Carton)	565×445×185mm	
Net Weight	6.2Kg	
Packaging	1 x MTB2000E. Peripherals: 1x USB Cable, 1x HDMI Cable, 1x DP Cable. 1x Certificate	

Dimensional drawings



Unit: mm

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Cautions

1. High voltage hazard: This product operates at AC-100V to 240V.
2. It is forbidden to immerse liquids, metal fragments and other conductive objects into the interior of the equipment to avoid safety accidents.
3. Please use the appliance in a dry, clean environment.

SHENZHEN SYSOLUTION TECHNOLOGY CO., LTD