SYSOLUTION

S70S

2-in-1 Video Processor

Product specification

Version number: Ver.1.0

Statement

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advertising equipment. The main purpose of this document is to help you quickly understand

and use the product, we strive for accuracy and reliability in the preparation of the document,

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Update Records

NO.1	Version number	Update	Date of revision
1	Ver.1.0	First Release	2021.07.19

Note: The content of the document is subject to change without notice.

Product Description

S70S multi-screen video splicing and sending processing all-in-one is a professional-grade LED display control equipment; with powerful video signal receiving, splicing and processing capabilities, can drive up to 10.4 million pixels LED screen, support 1 channel HDMI2.0 and 1 channel DP1.2 of 4k@60hz HD digital signal at the same time also supports 3 channels HDMI and 1 channel DVI digital signal; arbitrary Splicing, broadcast-level scaling, support for up to 8 screens simultaneously, multiple cascades with larger LED displays.

Product Features

The S70S has 16 Gigabit network outputs and can support up to 30,720 wide/maximum on a single unit. With a range of rich and practical features, it provides flexible screen control and high quality image display, and can be perfectly applied to various sizes of LED displays.

Applicable scenarios

The S70S's powerful video processing and distribution capabilities can be used in a wide range of applications such as high-end rental and small pitch displays for stages, conferences, events, exhibitions, etc.

Features

1.   Maximum band load of 10.4 megapixels, up to 30720 pixels wide and up to 30720 pixels high.

2.   Maximum input resolution 4096 x 2160 @ 60Hz, with support for EDID management.

3.   Digital signal interfaces in full HD, including 1 HDMI 2.0, 1 DVI, 3 HDMI1.3, 1 DP1.2.

4.   Support for arbitrary switching of video sources, stitching and scaling of input images

according to the display resolution.

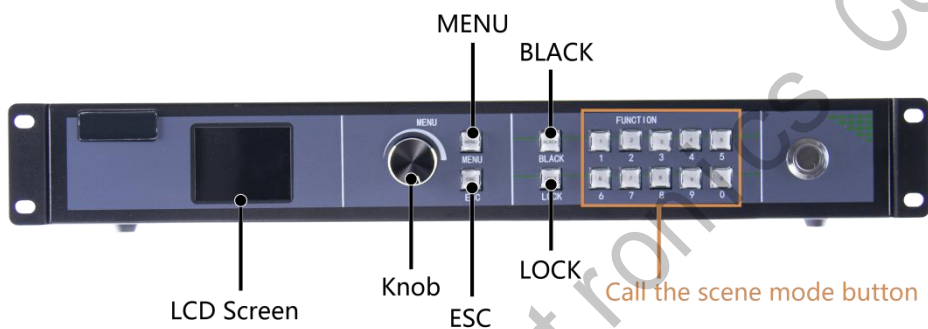5. Supports 8 screens with simultaneous window display, position and size can be adjusted at will.

Load Range

|		
Load carrying capacity	Single Network Port	650,000 pixel point
	Complete machines	10.4 million pixel points
Maximum width points	Complete machines	30720
Maximum number of points	Complete machines	30720

Interface Definitions

Front panel

Front Panel Description		
Serial number	**Keystrokes**	**Description**
1	LCD screen	Used to display the current status of the device and to set the parameters of the menu items.
2	Knobs	When in the main screen, press the knob to enter the menu operation screen. When operating the menu screen, turn the knob to select

		the menu, press the knob to select the current menu or enter a sub-menu. After selecting the menu with the parameter, turn the knob to adjust the parameter and press the knob to confirm the application when the adjustment is complete.
3	Function keys	MENU, menu ESC, exit BLACK, display closed open LOCK, lock key
4	Number keys	Calling up the scene mode

Rear panel
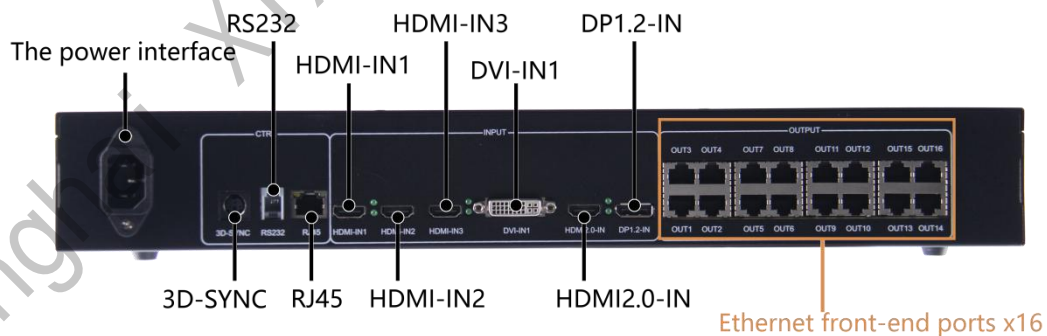
Input interface		
Interface	**Number**	**Description**
HDMI 2.0	1	HDMI 2.0 compliant. Support 4096×2160@60Hz
DP1.2	1	1 x DP1.2S input in accordance with DP1.2. Support 4096×2160@60Hz
HDMI 1.3	3	Supports 1920 x 1200 @ 60Hz
DVI	1	VESA standard (supports 1920×1200@60Hz), HDCP support
Output Connector		
Interface	**Number**	**Description**
Network port	16	Up to 10.4 megapixels, up to 30720 pixels wide and up to 30720 pixels high. Can be stitched up and down, left and right
Control interface		
Interface	**Number**	**Description**
RJ45	1	100 megabit network port to control devices over the network
RS232	1	Serial port, control of devices via serial port
3D-SYNC	1	Reserved interfaces

Power supply interface		
Interface	**Number**	**Description**
Power connector	1	AC-100-240V-50/60HZ AC power interface

Working Parameters

Electrical parameters	Input voltage	AC-100-240V-50/60HZ
	Power rating	36W
Working environment	Operating temperature	-20°C - 70°C
	Working humidity	10%RH-80%RH no solidification
Dimensions	Enclosure size: 472mmX290mmX64mm (LxWxH)	
Net weight	3.45 Kg	

Dimensional Drawings
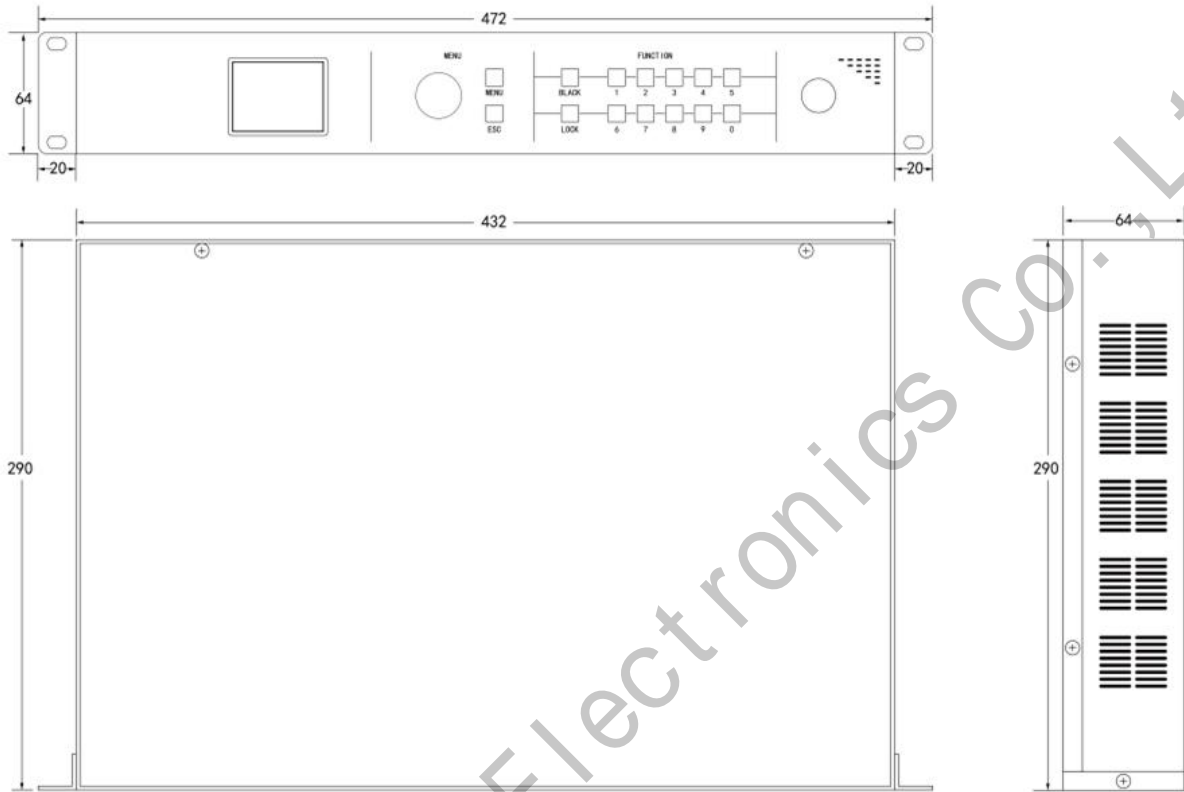
Unit: mm

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.