KLS4C KYSTAR

Four network port three-in-one video controller

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Specifications

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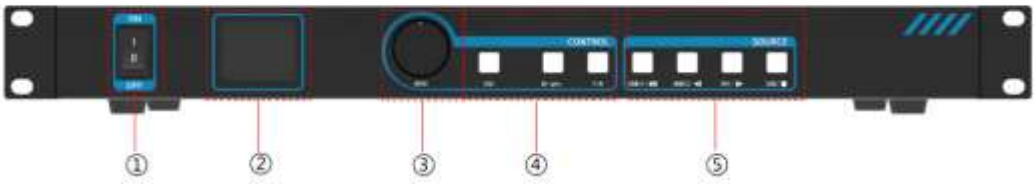
Professional Ultra HD Video Display
Control system integrated solution and service provider

Overview

KLS4C three-in-one controller is a two-network port three-in-one controller launched for LED display solutions that integrates a professional video processor, LED sending card, and offline player. One device can easily handle large screens, greatly simplifying LED solution configuration and on-site debugging.

Features

- The whole machine has 4 network ports, the whole machine can carry a maximum of 2.6 million pixels, the width can reach 4096 pixels, and the height can reach 2048 pixels.
- Supports a variety of digital signal interfaces, including 2 HDMI1.3, 1 DVI-D and 1 USB.
- Supports direct operation without computer, 3-step finish screen setting .
- Supports USB playback and perfectly supports a variety of video and picture formats.
- EDID configuration management: supports reading, modifying, and customizing EDID (Extended Display Identification Data).
- Supports image freeze and black screen functions.
- Supports output test screen.
- Black border removal/cropping function: Solve the black border problem caused by front-end signals and perform arbitrary cropping for any signal source (still maintaining full screen status).
- Support key lock to prevent misoperation.
- The overall output screen display brightness and contrast can be adjusted in real time and quickly.



NO	Name	Function Description
①	Switch	Device power switch
②	LCD screen	Display the device settings menu and current status of the device
③	knob	● Press the knob to confirm the selection or enter the menu interface ● Turn the knob to select menu options or adjust parameters
④	Function shortcut keys	● ESC：Click to exit the current interface ● Bright：Click to enter the brightness debugging interface ● F/N：Customizable function keys, the default is the partial panorama switch button, and can also be set as user mode button, one-click black
⑤	MENU	● HDMI1/ ⏯：Switch HDMI1 signal source; in USB playback mode, it is the pause/play button ● HDMI2/⏮：Switch HDMI2 signal source; click to play the previous file in USB playback mode ● DVI/⏭：Switch DVI signal source; click to play the next file in USB playback mode ● USB/⏹：Switch USB signal source; click again to enter USB playback

NO	Name	Function Description
①	COM	RJ-45 interface for connecting central control equipment
	USB-CFG	USB-CFG interface for connecting to PC host computer for control
②	Input interface	DVI：Maximum support 1920x1200@60Hz Support custom resolution, max width 2048, max 1200 Support RGB444, YCbCr422, YCbCr444 signal formats HDMI1：Maximum support 1920x1200@60Hz Support custom resolution, max width 2048, max 1200 Support RGB444, YCbCr422, YCbCr444 signal formats HDMI2：Maximum support 1920x1200@60Hz Support custom resolution, max width 2048, max 1200 Support RGB444, YCbCr422, YCbCr444 signal formats ● AUDIO IN： 1/8" TRS audio input, 3.5mm stereo interface, 2.0Vp-p / 10 KΩ AUDIO OUT： 1/8" TRS audio output, 3.5mm stereo interface, 2.0Vp-p / 10 KΩ USB： U disk input, the NTFS system supports a maximum of 2T, the FAT32 system supports a maximum of 192G, and a single file can

③	Output Interface	- LAN1-LAN4：Used to transfer data to the receiving card - Single network port loading: 650,000 pixels - Total load: 2.6 million pixels, max width 4096 or max 2048 ● Network port indicator - Flashing: Communication with the receiving card is normal, flashing frequency is 1/2 seconds each time Steady on: Abnormal communication with the receiving card
④	Power outlet	● Connect AC power 100-240V AC~50/60Hz
⑤	Ground terminal	For equipment grounding

Whole machine specification	
Input power	100-240V AC~50/60Hz
Operating temperature	0-45℃
net weight	2.6KG
Machine power consumption	25W
Dimensions	482.6×253.11×50.65mm（L×W×H）
Package Size	550×90×335mm（L×W×H）