Kommander LS4

Four-port 2 in 1 video controller

Version: v2.3
Release Date: November 2021

Specifications

Version record

version number	Change details	release time
V1.0	first release	2018.12.12
V2.0	Modify device interface information	2019.11.28
V2.1	Replacement Equipment Dimensions	2020.12.09
V2.2	change cover	2021.10.25
V2.3	Correct size data, modify function description	2021.11.18

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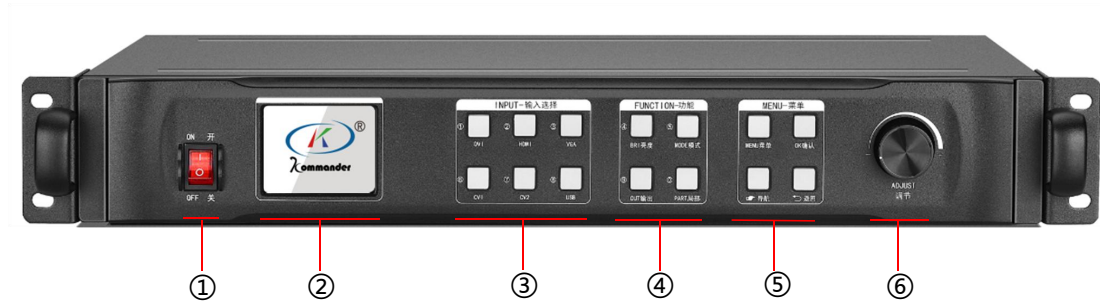
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Overview

    Kommander LS4 is a four-network-port three-in-one controller that integrates professional video processor, LED sending card, and offline player for LED display solutions. One device can easily handle LED screen, which greatly simplifies the LED solution configuration and on-site debugging.

Functional features

- Professional Video Processor:

    HD Multi Format Signal input

    Transient or fading transitions between arbitrary signals

    Arbitrary free Zoom Display

    Display the technical hotline when starting the device

- Integrated LED sending card：

    4 pcs network port output, the widest output can reach 3840, the highest can reach 1080

    Load 2.6 million pixels

    Support direct operation without computer, 3-step configuration

- high-performance offline Player:

    Support for USB playback, perfect support for a variety of video, image formats

- One-click configuration :

    Support readback configuration and resend configuration implementation, easily realize one-key repair

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Panel description

Serial number	Function description
①	Power switch
②	Full-color LCD Information screen
③	Signal source Quick Selection Area
④	Brightness adjustment, Mode load, out a black screen, panoramic local
⑤	Set menu, navigation, confirm, cancel function keys
⑥	Knob Adjustment

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Port specifications

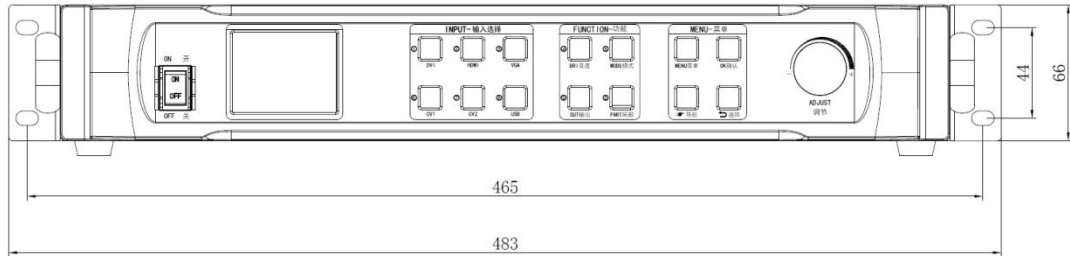| Input port		
Type	Number	Specifications
CVBS（BNC）	2	Ntsc/pal Adaptive, support 3D comb filter
VGA	1	VESA Standard, maximum support 1920x1080@60hz
DVI	1	1.3 Standard, maximum support 1920x1080@60hz
USB	1	USB input, NTFS system supports up to 2T, FAT32 system supports up to 192G, and single file up to 4G
HDMI	1	1.3A Standard, maximum support 1920x1080@60Hz
1/8" TRS audio	2	3.5mm stereo interface, 2.0Vp-p / 10 KΩ
Wireless HDMI	1	Resolution: 1080P @ 60Hz

Output port		
Type	Number	Specifications
LAN	4	LAN port, used to transmit data to the receiving card, the maximum load is 2.36 pixels
1/4" TRS audio	1	6.3mm Stereo interface，2.0Vp-p / 10 KΩ

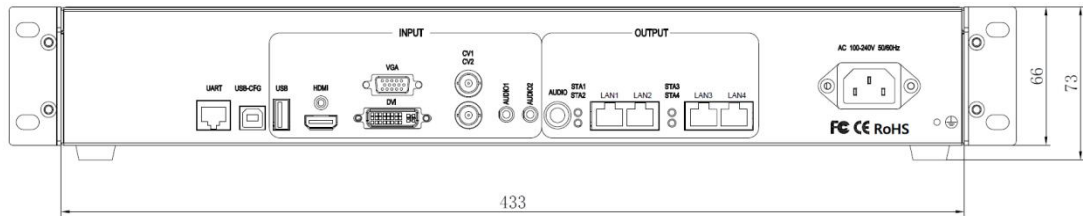| Control port		
Type	Number	Specifications
USB（Type-B）	1	USB-CFG interface, used to connect to PC upper computer control (upgraded than LAN)
UART（RJ-45）	1	Serial port protocol, full function as COM port

Machine specification	
Input power	100-240VAC 50/60Hz 0.6A
Working temperature	0-45℃
Dimensions	483×270.5×73mm（L×W×H）
Net weight	5KG

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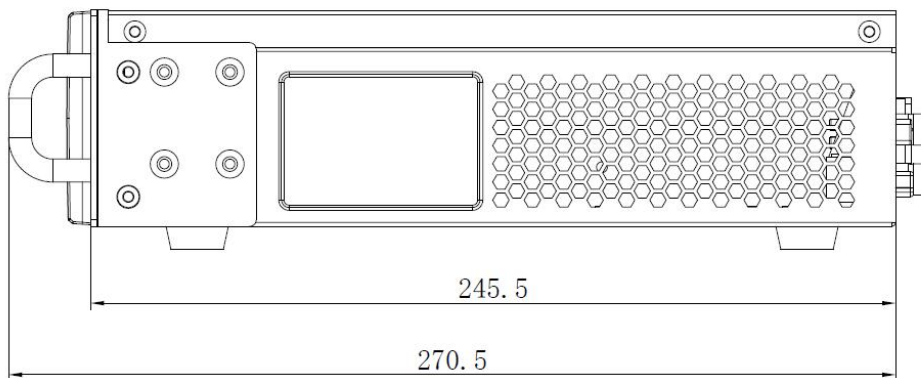| Whole machine power consumption	36W

Attachment: equipment size chart

Front panel size drawing

Back panel size drawing

Side panel size drawing

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