Splicing processpr
KT4

Specification

Beijing Kystar Technology Co., Ltd.

Overview

The KT4 product is a new generation of four-picture video processor that supports multiple signal inputs and supports real-time monitoring of the input and output of the front panel LCD screen. The system is embedded with the KTV Pandora multimedia playback system, which can realize intelligent program editing and Play control.

The custom load within 6.3 million pixels of the whole machine meets most on-site requirements. The device adopts CPT+FST splicing processing technology to ensure the uniformity and synchronization of splicing, and has a variety of monitoring modes, switching modes, complete backup, safe and reliable. It is a small-pitch large-screen LED display, performance and rental. , Conference rooms, studios and other high-end video processing equipment.

Features

- Support multiple signal input, including DVI, HDMI, DP, support 4K ultra high-definition signal input, can realize point-to-point display of large screen.
- Four-port splicing of 6.3 million pixels is customizable, horizontal maximum 15360 pixels, vertical maximum 7680 pixels.
- Arbitrary layout of four pictures, easily complete the centralized control of the main screen, side screen, sky screen and ground screen.
- Built-in Kiosda Pandora multimedia playback system, with 8GB internal memory, can store playback material, and realize audio and video simultaneous playback.
- Support external U disk playback function.
- The device comes with a 4.3-inch LCD screen, which can monitor the output picture or input signal in real time.
- Program editing and material effect production can be performed through Kommander PE, and cluster management of multiple devices can be realized.
- Support 4K UHD signal processing.
- Support signal and mode seamless switching, support fade in and fade out effect switching.

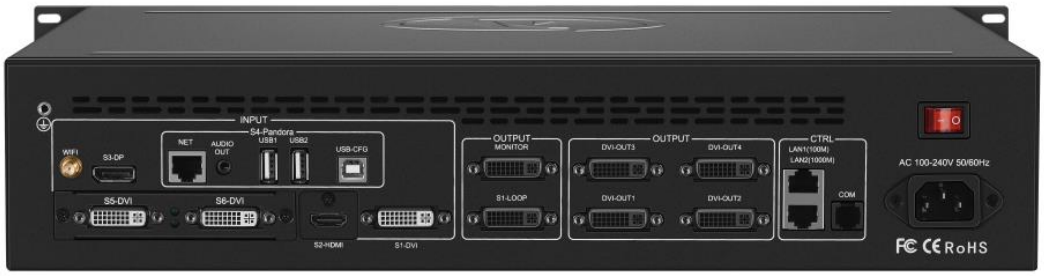
- Support brightness keying, image transparency adjustment function.
- Support input signal hot backup.
- Support multi-machine cascade synchronous output.
- Support to intercept and display any part of the signal source.
- Support custom EDID.
- 32 scene modes can be pre-stored and recalled with one click.

Appearance

Front side

Serial number	Function explanation
①	Signal selection and mode calling
②	4.3 inch full color LCD information screen, real-time monitoring output or input signal
③	Function selection and parameter setting

Back side



Interface specification

Video input signal

types		quantity	explanation
DVI-D (24+1)		1	·最 Large support resolution of 1920×1200@60Hz, backward compatible ·Compatible with HDMI1.3 and below, EDID version 1.3
HDMI (TYPE A)		1	·The maximum supported resolution is 1920×1200@60Hz, backward compatible ·Compatible with HDMI1.3 and below, EDID version 1.3
DP		1	·The maximum supported resolution is 1920×1200@60Hz, backward compatible
Pandora	USB CFG	1	Communicate with the PC software Kommander PE, used to broadcast program editing
	NET	1	100M input network port, can communicate with the host computer software Kommander PE, and can also be connected to the local area network
	USB	2	USB2.0*2，Used for U disk playback
	WIFI	1	wifiNetwork LAN control
Extended input		1~2	Standard 2-channel DVI, support DVI, SDI, HDMI1.3/1.4, CVBS, DP and other signals

Video output signal		
types	quantity	Explanation
DVI-D (24+1)	4	·Support common output resolutions such as: 2048×1152@60Hz, 1920×1080@60Hz, 1536×1536@60HZ ·Support custom output resolution, such as 3840×660@60Hz Support 60Hz/50Hz/30Hz output frame rate ·Compatible with HDMI1.3 and below, EDID version 1.3
DVI-D-LOOP	1	Supports absolute synchronization with DVI-D input for device cascading
DVI-D-MONITOR	1	Support the selection of different types of pre-monitoring methods, pre-monitoring input and output, pre-monitoring output, pre-monitoring input

Control interface		
types	quantity	specification
COM	1	The data transfer rate is50、75、100、150、300、600、1200、2400、4800、9600、19200、38400、57600、115200 （BT）
LAN1	1	100Mnet port，communicate with the host computer software
LAN2	1	1000Mnet port

Machine specification	
Input power	AC 100-240V 50/60Hz
工 work temperature	0-45℃
Dimensions	483×319×96mm (L×W×H)
Net weight	5KG
Machine power consumption	80W

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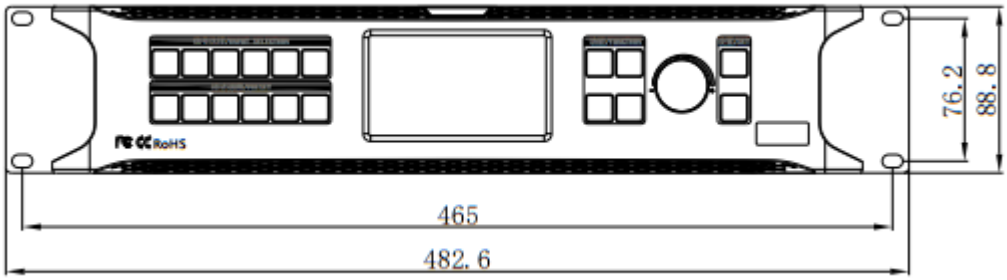
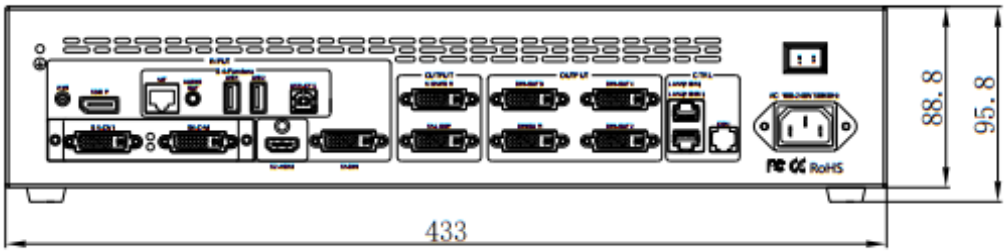
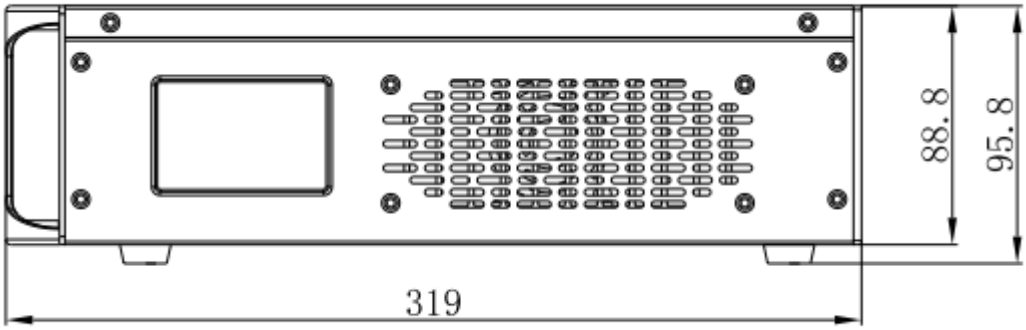
Attachment equipment size chart **Unit mm**



front side



back side



side