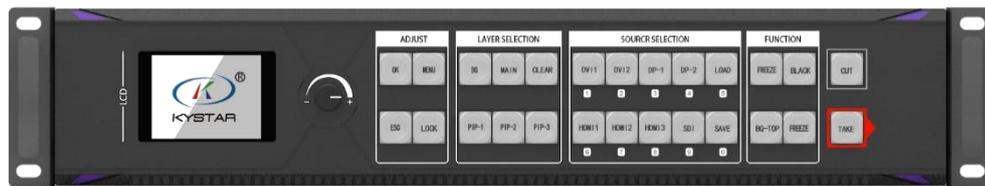


Splicing processor K1PRO product specifications

Overview

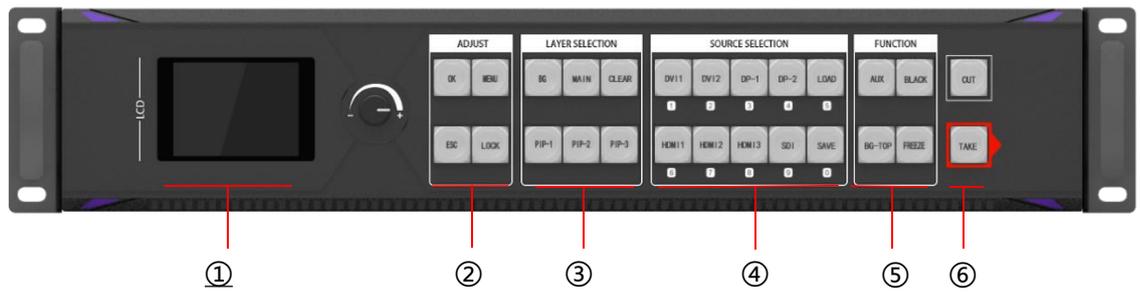
K1Pro is a dual 4K splicing processor designed for small pitch and large screens. The device has built-in video playback, editing and control functions, supports two 4K@60Hz DP inputs, has multiple monitoring modes, switching modes, complete backup, safe and reliable, The whole machine carries 9.6 million pixels, which can meet most of the field application requirements.



Features

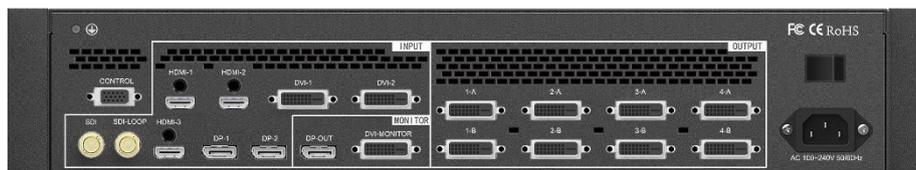
1. Eight channels of splicing output, four masters and four standbys, custom splicing with 9.6 million pixels.
2. The single machine has a maximum horizontal width of 16000 pixels and a vertical maximum of 8000 pixels, which can be cascaded and joined by multiple machines.
3. Support two 4K@60Hz DP input, the maximum resolution can reach 3840*2160@60Hz or 7680*1080@60Hz.
4. Support input signal hot backup, when the input signal is lost, it can automatically switch to the designated backup signal.
5. Support external display, real-time monitoring of all input and output screen content.
6. Support real-time capture of the current output screen as a base map.
7. Seamless connection with Kommander series servers.
8. Up to four input signals can be displayed on the screen at the same time, and can be superimposed and roamed at will
9. It supports more than ten kinds of scene switching effects such as straight cut, fade in and fade out, and screen push, and supports one-key Take and Cut.
10. All layers support matting and transparency adjustment, as well as arbitrary cropping of signal sources.
11. Support one-click black screen/static.
12. Supports individual adjustment of brightness and contrast to the input signal, and supports EDID online editing.
13. Built-in military-grade power supply anti-interference filter to deal with complex power supply environment on site.

Panel description



Serial number	Function Description
①	Full color LCD information screen
②	Parameter setting, debugging area
③	Layer (window) quick selection area
④	Signal source quick selection area
⑤	Display mode, scene switching area
⑥	PVW to PGM switching area

Port specifications



Input port		
Type	Quantity	specification
DVI	2	1.3 standard, maximum support 1920*1080@60Hz
SDI (BNC)	1+1 (LOOP)	Support SD/HD/3G-SDI, support motion adaptive de-interlacing
HDMI	3	1.3 version, maximum support 1920*1080@60Hz
DP	2	DisplayPort1.2 standard, support 3840*2160@60Hz or 7680*1080@60Hz

Output port		
Type	Quantity	specification
DVI-D (PGM)	4+4 (Backup)	Custom output resolution (bandwidth optimization): Single channel horizontal resolution up to 4000 pixels Single channel vertical resolution up to 2000 pixels
DVI-MONITOR	1	Resolution 1920×1080@60Hz, can monitor all input and output screens
DP-OUT	1	Reverse view interface, can reverse view any signal

Control port		
Type	Quantity	specification
RS-232 (DB-9)	1	The data transfer rate is 1200、2400、4800、9600、19200、38400、57600、115200bps

Whole machine specification	
Input power	100-240V AC~50/60Hz 0.6A
Operating temperature	0-45°C
Dimensions	483 (W) ×96 (H) ×398 (L) mm
net weight	6KG
Power consumption	55W

Attachment: equipment size chart

