Splicing processor K9000 specification

Summary

KS9000 is the first real multi window splicing device in the industry. It is a professional video processing and control device. It is a splicing controller specially designed for ultra large screen, projection, liquid crystal and other devices.

The industry's top design technology is in line with international and industry standards.

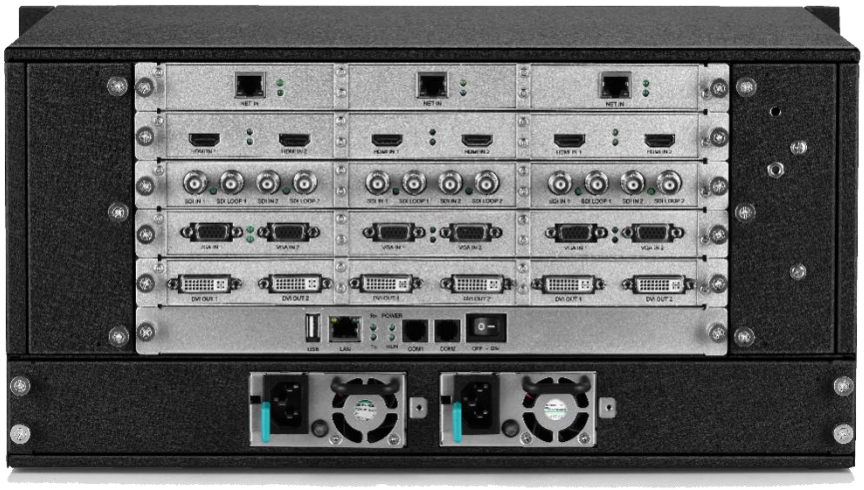
It adopts FPGA pure hardware architecture and no operation system. The whole system is completely closed, simple operation and high stability

.

Functional characteristics

- LED multi window splicing device, all windows can be stitching, cross screen, stack, roam, zoom.
- Support direct cut and fade in, no black screen, Caton.
- A single output port can open 72 high definition windows, and all input signals can be displayed arbitrarily.
- CrossInt splicing processing technology, effectively prevent splicing dislocation and asynchrony.
- Flexible board design, single card can support multiple signal mix and match.
- It can complete seamless switching between channel signal and even the whole template plan.
- Up to 200 modes can be supported, with multiple images and captions superimposed.
- Support high definition bottom map, material can be stored in equipment
- Support multi machine splicing cascade
- Any part of the signal source is cut out
- Based on FPGA array, pure hardware architecture, multiple power redundancy backup, no system crash risk, 24 * 365 uninterrupted work.

Port specification



Input port		
type	Number	Specifications
CVBS（BNC）	5U HD 24max, SD 96max	NTSC/PAL self-adaptive, support 3D comb filter
VGA		NTSC/PAL self-adaptive, support 3D comb filter
DVI-D		1.3 standard, maximum support of 1920 x 1080@60Hz
Dual Link DVI		1.4A standard, maximum support of 3840 * 2160@30Hz
SDI（BNC）		Support SD/HD/3G-SDI
HDMI		The maximum support resolution is 2048 x 1152@60Hz, which supports custom resolution.
HDMI（1.4）		1.4A standard, maximum support of 3840 * 2160@30Hz
IP		IP decoding card supports RTSP/RTP protocol, compatible with ONVIF standard, and supports IPC devices of mainstream manufacturers.

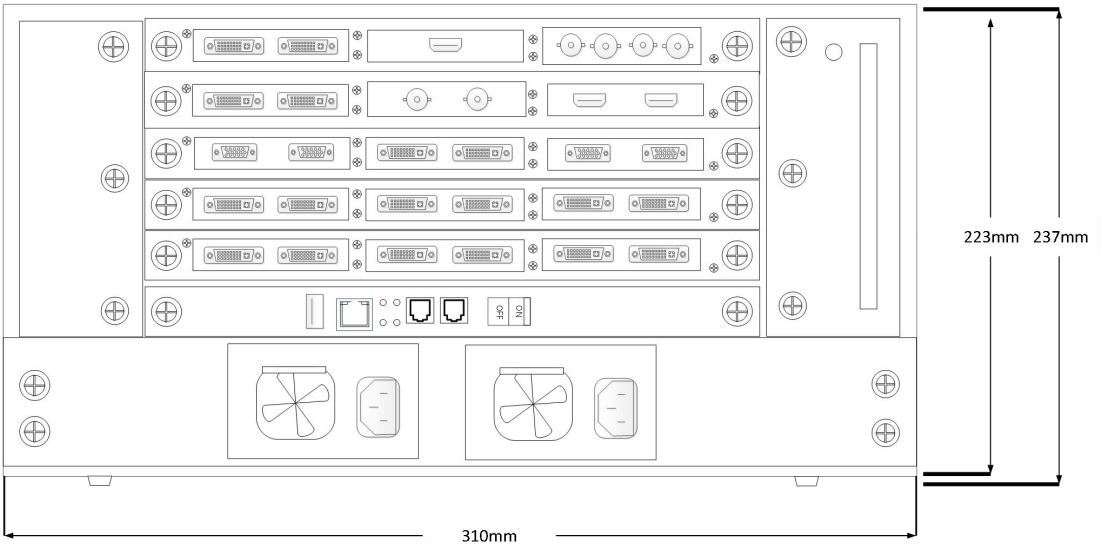
Output port		
type	Number	Specifications
DVI-I	24max	Custom output resolution (bandwidth optimization): A single channel with a maximum horizontal resolution of 3840 pixels A single channel vertical resolution with the highest resolution of 1536 pixels
DVI-I	1	Monitoring output, resolution 1920 x 1080@60Hz

Control port		
Type	Number	Specifications
RS-232（DB-9）	2	rate of data signalling are 50, 75, 100, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, and 19200 (BT).
RJ-45	1	100M

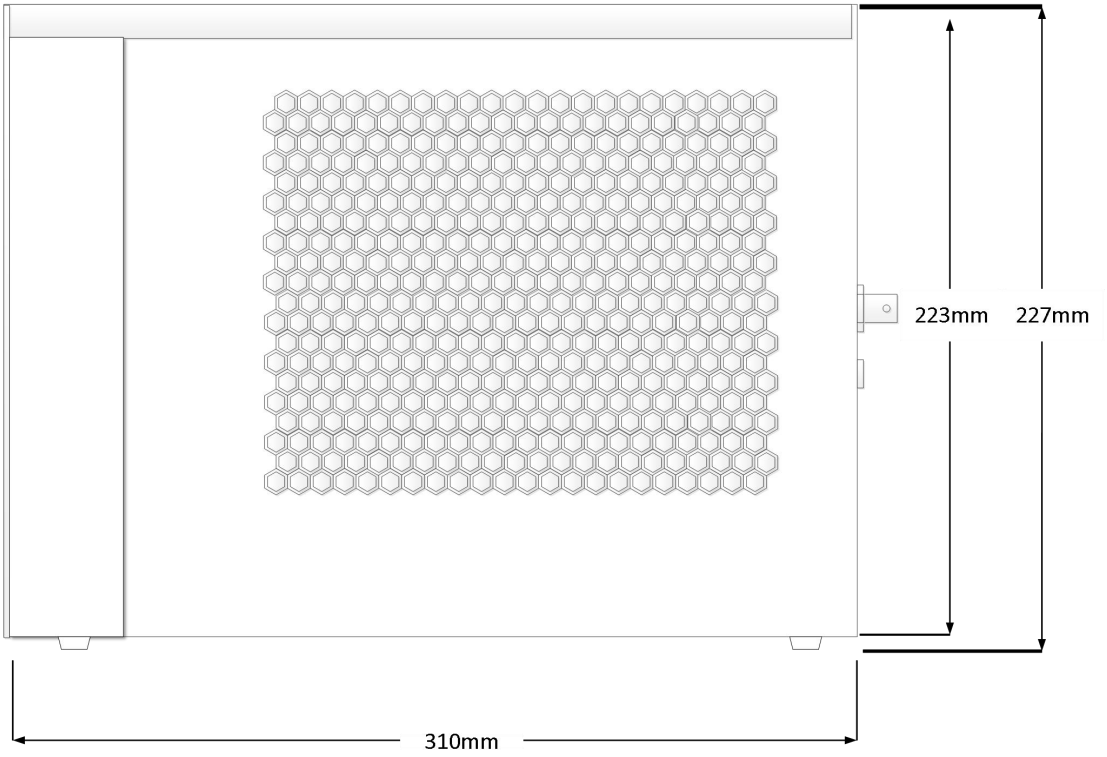
Whole machine specification	
Input power supply	100-240V AC~50/60Hz 0.6A
working temperature	0-45℃
Shape size	483×320×223mm（L×W×H）
Net weight	20KG
Whole machine power consumption	250W

Accessories: equipment size diagram

Front panel size diagram



Rear panel size diagram



Side size diagram