

U3

Multi-picture splicing processor

Version: v3.1

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Specification



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

Specification for Stitching Processor U3 Products

Summary

U3 adopts CPT + FST splicing technology specially designed for small spacing LED display screen to ensure the uniformity and synchronization of splicing. It is a high-end video processing equipment specially for LED large screen display, performance and rental, conference rooms, studios and other markets. It adopts the top design technology in the industry and meets the international and industry standards.

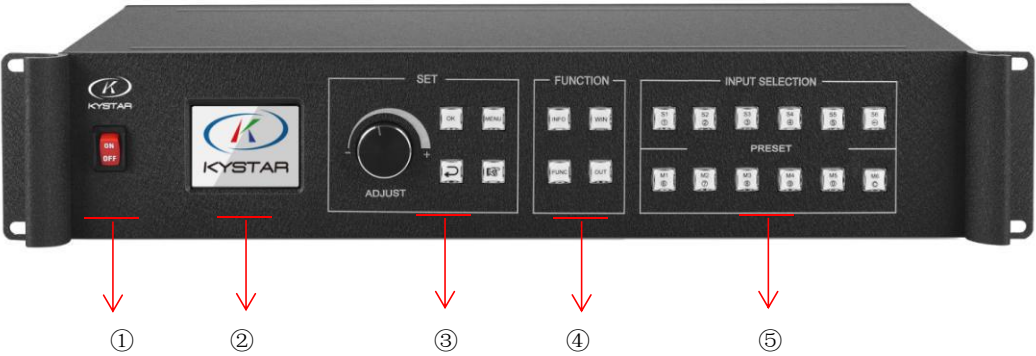
In the replication mode of the whole machine, 2.6 million pixels are customized to be loaded, and the maximum load of splicing is 2560 x 1536, which meets most of the field requirements. KS910Plus has a variety of monitoring modes, switching modes, complete backup, safe and reliable.



Functional characteristics

- Output support 2.6 million pixels custom load
- The maximum load of splicing mode is 2560 x 1536@60HZ.
- Arbitrary layout of three pictures, easy to complete the centralized control of stage main screen and side screen
- Support signal echo, real-time view of input and output signals through software
- Supporting 4K UHD Signal Processing
- Multigroup Editable Global Text Overlay
- Supporting seamless switching of signals and modes, providing more than ten transitional effects
- Supporting brightness matting, image transparency adjustment and edge emergence
- Supporting multi-level input signal hot backup and multi-computer cascade synchronous output
- Intercept and display any part of the signal source
- Custom EDID
- Save 32 scenario modes, one-click call
- Supporting one-click black screen/static
- Built-in two LED sending cards

Panel description



Serial number	Function description
①	Power switch
②	Full color LCD information screen
③	Parameter setting, debugging area
④	Functional key area
⑤	Fast Signal Source Selection and Scene Switching Zone

Port specification



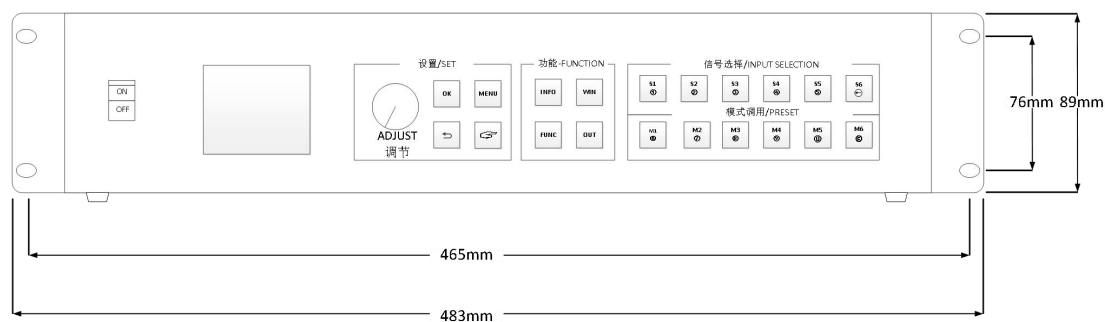
Input port		
type	Number	Specifications
CVBS (BNC)	2	NTSC/PAL adaptive, supporting 3D comb filter
VGA	2	VESA standard, maximum support 1920 *1200@60Hz
DVI	1	1.3 standard, maximum support 1920 *1200@60Hz
HDMI	2	1.3 standard, maximum support 1920 *1200@60Hz
EX	1~2	2-channel DVI is standard and supports DVI, SDI, HDMI1.3/1.4, CVBS

Output port		
type	Number	Specifications
DVI-D	2	Maximum horizontal resolution 3840 pixels Vertical resolution up to 1920 pixels
DVI-D	2	1-way monitor output; 1-way loop out

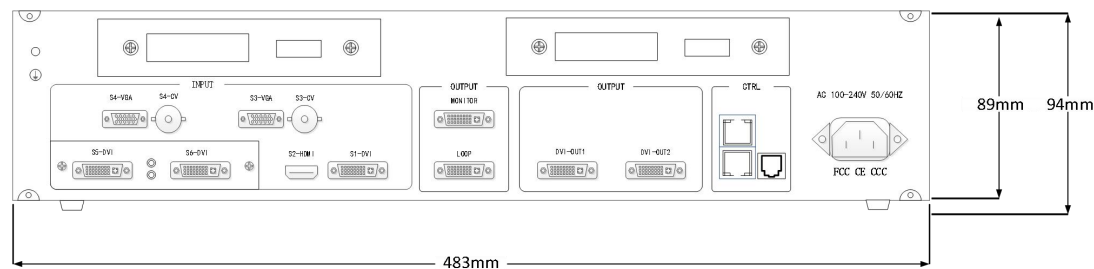
Control port		
type	Number	Specifications
RS-232 (DB-9)	1	Data transmission rate is 50, 75, 100, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 (BT)
RJ-45	1	100M
RJ-45	1	1000M, Supporting Upper Computer Software Echo

Specification for whole machine	
Input power supply	100-240V AC~50/60Hz 0.6A
working temperature	0-45°C
Outline size	483×340×94mm (L×W×H)
Net weight	6KG
Overall power consumption	100W

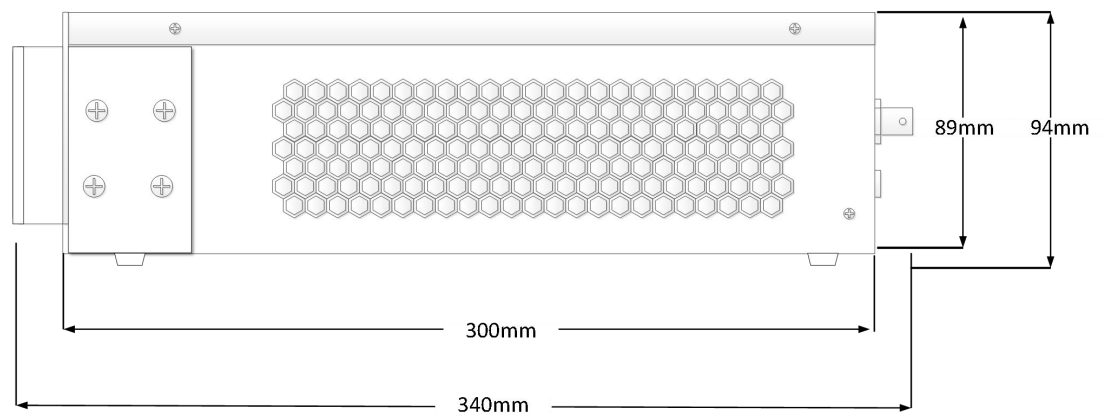
Annex: Equipment Dimension Map



Front panel dimensions



back panel dimensions



side panel dimensions