Splicing processor U4 product specification

Overview

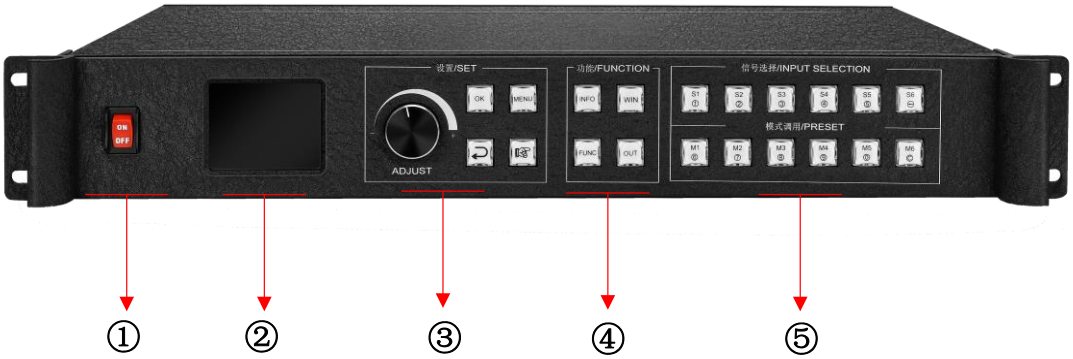
The U4uses CPT+FST splicing technology designed for small-pitch LED displays to ensure splicing uniformity and synchronism. It is a high-end video processing equipment for LED large screen display, show and rental, conference room, studio and other markets. It adopts the industry's top design technology and meets international and industry standards.

The custom load of 6.3 million pixels in the whole machine meets most of the on-site needs. U4 has a variety of monitoring modes, switching modes, complete backup, safe and reliable.

Functional characteristics

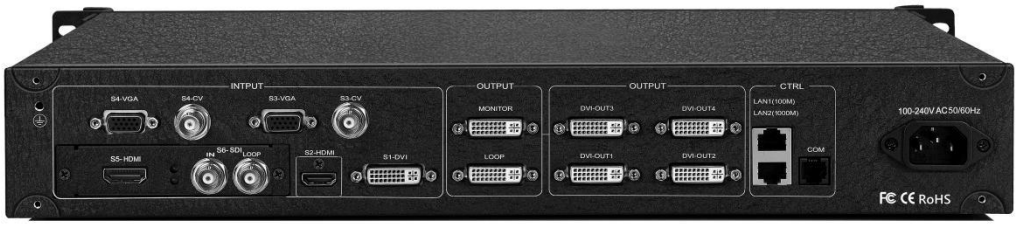
- Four output port splicing, 6.3 million pixels custom, horizontal maximum 15360 pixels, vertical maximum 7680 pixels
- Arbitrary layout of four pictures, easy to complete the centralized control of the main screen, side screen, sky screen and ground screen
- Support signal echo, real-time view of input and output signals through software
- Support 4K Ultra HD signal processing
- Multiple sets of editable global image overlays
- Support seamless switching of signals and modes, providing more than ten transition effects
- Support for brightness keying, image transparency adjustment and edge feathering
- Support multi-level input signal hot backup, multi-machine cascaded output
- Perform any partial interception of the signal source
- Custom EDID
- Pre-stored 32 scene modes, one-click call
- Support one button black screen / still

Panel description



Serial number	Function Description
①	switch
②	Full color LCD information screen
③	Parameter setting, debugging area
④	Function button area
⑤	Signal source quick selection and scene switching area

Port specification



Input port		
Types	Quantity	specification
CVBS (BNC)	2	NTSC/PAL adaptive, support 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
SDI	1	3G-SDI

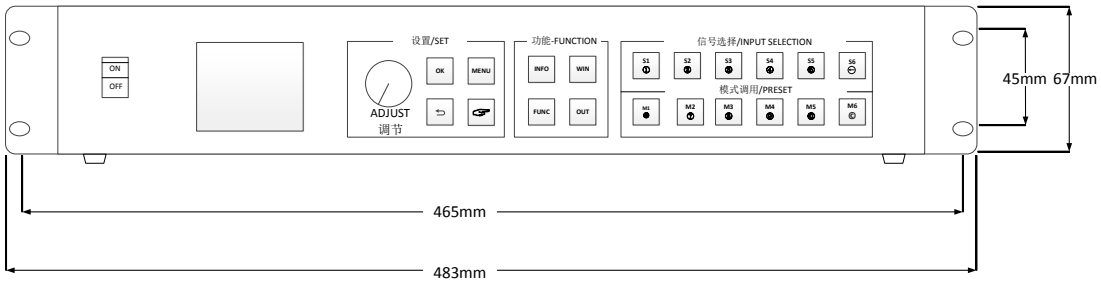
Output port		
Type	Quantity	specification
DVI-D	4	Horizontal resolution up to 3840 pixels Vertical resolution up to 1920 pixels
DVI-D	2	1 way monitor output; 1 way loop out

Control port		
Type	Quantity	specification
RS-232 (DB-9)	1	Data transfer rate is 50、75、100、150、300、600、1200、2400、4800、9600、19200、38400、57600、115200 （BT ）
RJ-45	1	100M

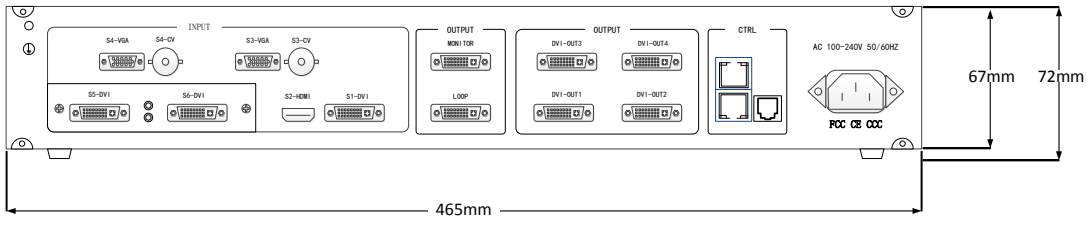
RJ-45	1	1000M，Support PC software to echo

Machine specification	
Input power	100-240V AC~50/60Hz 0.6A
Operating temperature	0-45℃
Dimensions	483×340×72mm（L×W×H）
net weight	5KG
Machine power consumption	100W

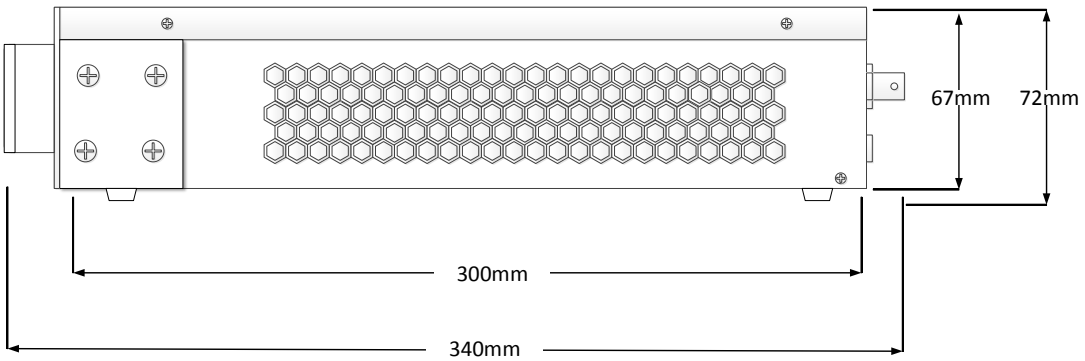
Accessories: Equipment Dimensions



Front panel size chart



Rear panel size chart



Side dimension drawing