

U2

Dual-screen audio and video splicing processor

Version: v2.3

Release Date: November 2021



Specification



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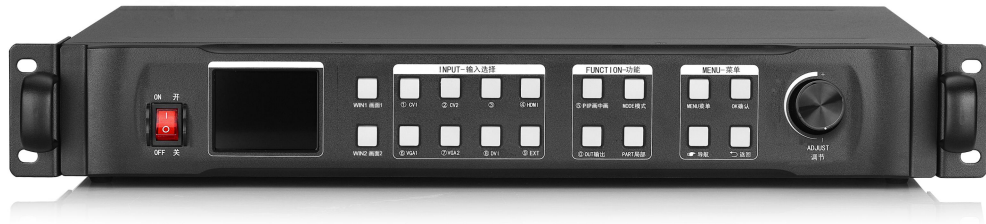
Beijing KYSTAR Technology Co., Ltd.

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

Specification for Stitching Processor U2 Products

Summary

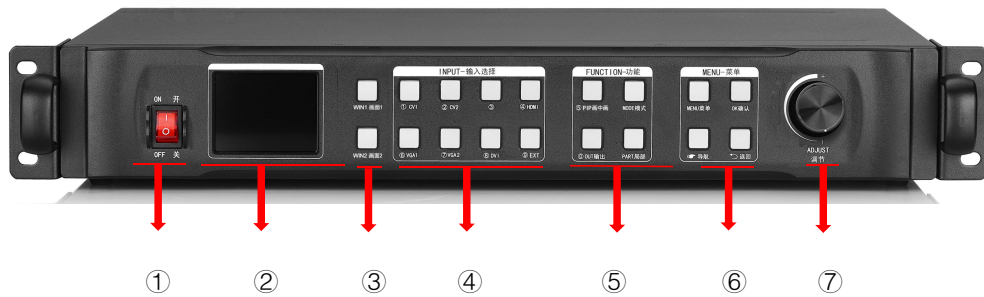
U2 is a mosaic processor for small and medium-sized LED mosaic market. It adopts the top design technology in the industry and meets the international and industry standards. The maximum load of the machine is 2560 x 1536, which meets the needs of most small and medium-sized splicing sites.



Functional characteristics

- Single computer supports 2560*1536 UHD mosaic output and 2.6 million custom output in replication mode.
- Supporting synchronous switching of audio and video
- Dual-channel output, can complete picture-in-picture and picture-out-picture display
- Support 1080P Full Screen Monitoring Output
- Intercept and display any part of the signal source
- Support multi-machine splicing cascade
- Five scenario modes can be saved, one-click call
- Support straight cut and fade in and out, no black screen, Carton
- Panel Recognition Signal Source Status
- Supporting one-click black screen/static
- Built-in two sending cards, no disassembly installation
- Navigation settings, easy to use without training

Panel description



Serial number	Function description
①	Power switch
②	Full color LCD information screen
③	Picture selection area
④	Fast Selection Zone of Signal Source
⑤	Functional key area
⑥	Parameter setting, debugging area
⑦	Knob adjustment

Port specification



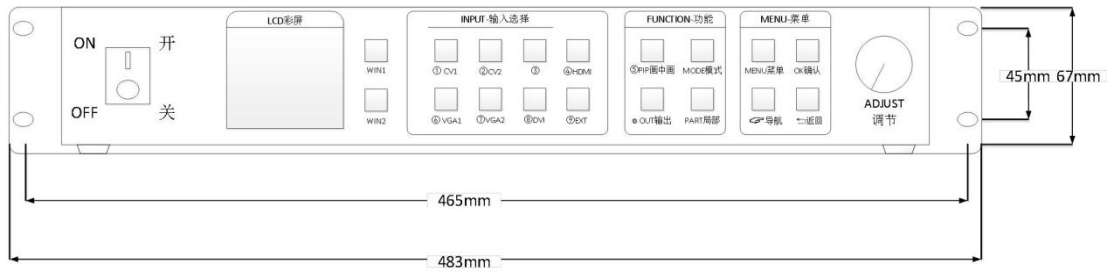
Input port		
Type	Number	Specifications
CVBS (BNC)	2	NTSC/PAL adaptive, supporting 3D comb filter
VGA	2	VESA standard, maximum support 1920 *1200@60Hz
DVI	1	1.3 standard, maximum support 1920 *1200@60Hz
HDMI	1	1.3 standard, maximum support 1920 *1200@60Hz
SDI	1	H-D SDI

Output port		
Type	Number	Specifications
DVI-D	2	Custom output resolution: Single channel horizontal resolution up to 2560 pixels Single channel vertical resolution up to 1536 pixels
DVI-LOOP	1	Loop Out Interface, 1920x1080

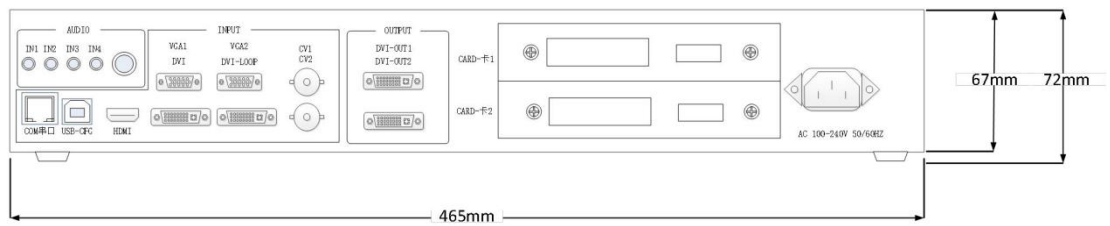
Control port		
Type	Number	Specifications
USB-CFG	1	USB-TYPEB
RS-232 (DB-9)	1	Data transmission rate is 50、75、100、150、300、600、1200、2400、4800、9600、19200、38400 、57600、115200 (BT)

Specification for whole machine	
Input power supply	100-240V AC~50/60Hz 0.6A
Working temperature	0-45°C
Outline size	483×283×72mm (L×W×H)
Net weight	4KG
Overall power consumption	36W

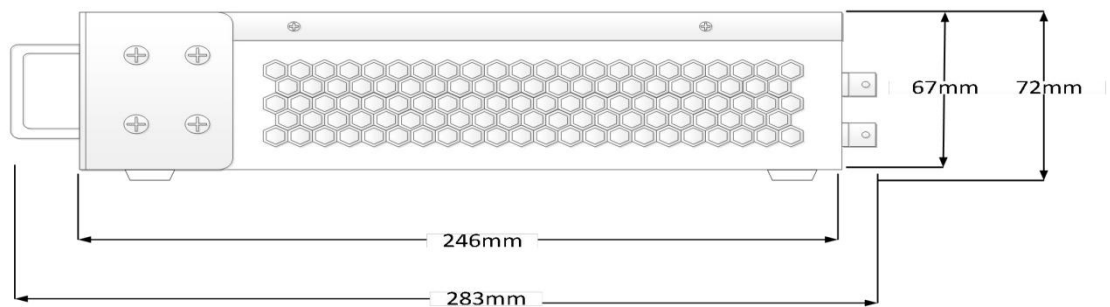
Appendix: equipment size drawing



Front panel size



Back size



Side size