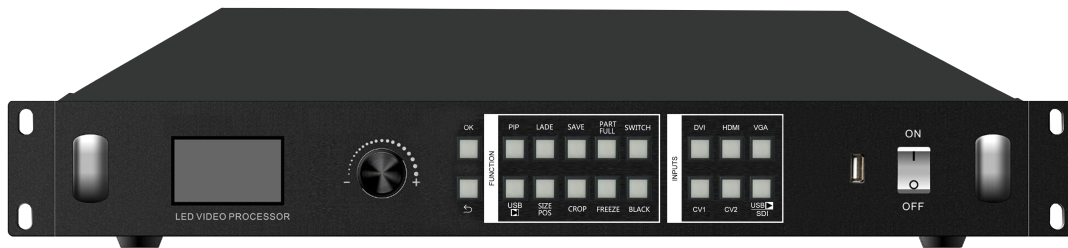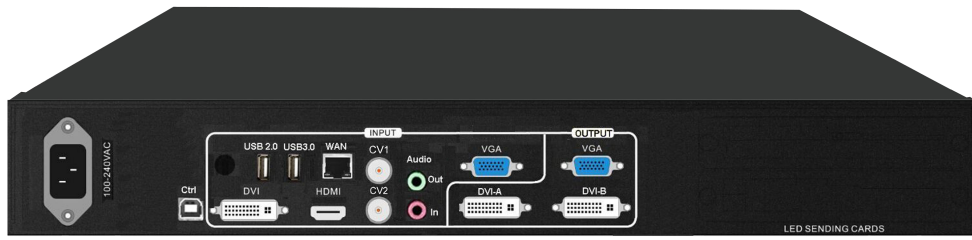# LS-VP1000

Hardware

Video input: DVIx1, HDMIx1, VGAx1, CVBSx2, USB/SDI (optional)

Video output：   DVIx2, VGAx1

Audio input: HDMIx1, 3.5mm audio interface x1

Audio output: 3.5mm audio interface x1

PC control interface: USBx1

USB upgrade: USBx1

LCD screen: 2.4inches full color LCDx1

Key: x18

Knob：   x1

Sending card slot: x2

Product Feature

LS-VP1000 LED Video Processor , has 6 channels of video input, 3 channels of video output,1 channel of audio output , It can be widely used in engineering, rental performance, irregular/large LED display screen/mixed LED display (different spacing), large stage theater, display and exhibition, etc.

Multiple video interface: Input has HDMI,DVI,VGA,2xCVBS,SDI/USB(optional);

Output has 2xDVI,VGA;

Seamless witching/Fade-in-fade-out: Pictures from 2 channels can be switched seamless, also can be fade-in-fade-out

Multiple output resolution : Many resolution can be selected (Max.2304x1152@60Hz) and user-defined resolution

2.65 million pixels supported: Maximum height can be 2000 pixels; maximum width can be 3960pixels

Preset storage and recall: can switch to the saved scene quickly

Audio and video synchronous: Synchronization of audio and video switching

Chroma Key : Cut part image from one video ,then put it on another video, for example image overlapped

Support picture in picture (PIP) :The size and location of the 2 pictures can be adjustable
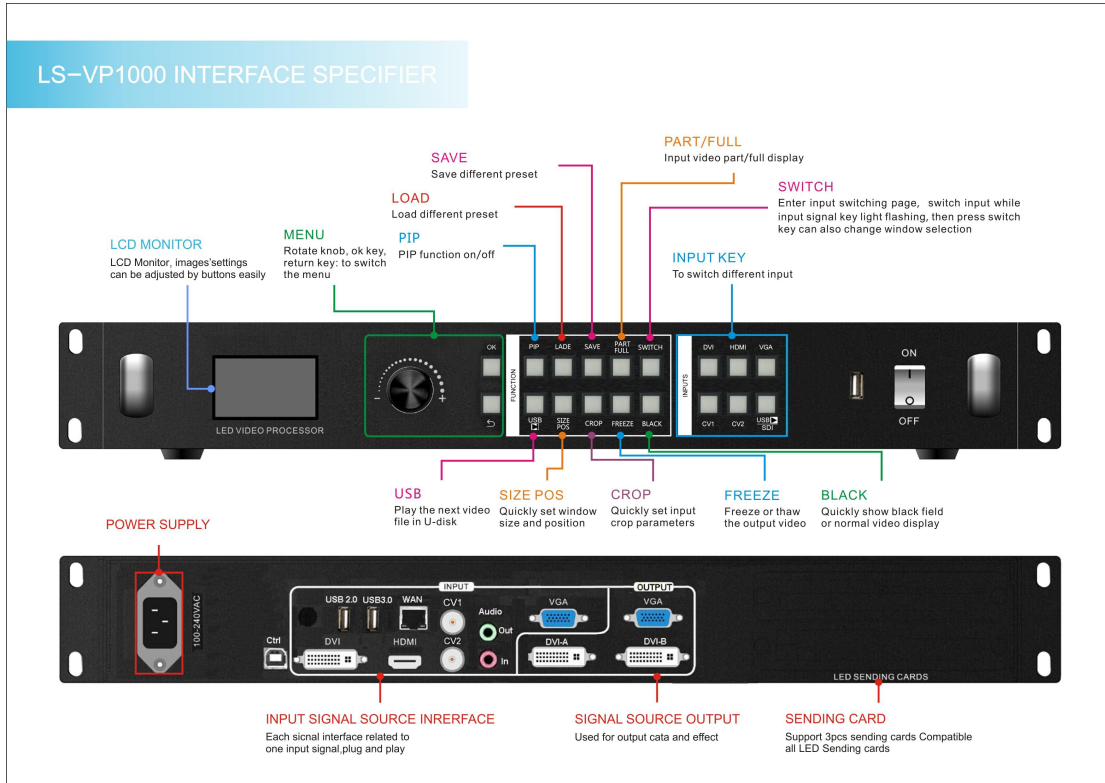
Powerful Splicing function : Perfectly splicing,support Uniform and not uniform splicing, support 10X10 video processors to splicing

User-defined input resolution :Can perfectly realize the PC to LED screen point to point display

Support project lock settings : To avoid the wrong operation

Short key settings : Black output/Normal output,Freeze, Part/Full Screen

Panel Function

SPECIFICATION

DVI Inputs	
Quantity	1
Connector	DVI-I
Signal Standard	DVI1.0，HDMI1.3 Backward compatible
Supported resolutions	VESA，PC to 1920x1200，HD to 1080p

HDMI Inputs	
Quantity	1
Connector	HDMI-A
Signal Standard	HDMI1.3Backward compatible
Supported resolutions	VESA，PC to 1920x1200，HD to 1080p

VGA Inputs	
Quantity	1
Connector	DB15
Signal Standard	R、 G、 B、 Hsync、 Vsync:0 to1Vpp±3dB （0.7V Video+0.3v Sync） 75 ohm black level：300mV Sync-tip：0V
Supported resolutions	VESA，PC to 1920x1200

※ USB Input(Optional）	
Quantity	2
Connector	USB TYPE-A
Signal Standard	USB2.0 , USB3.0
Support decoder format	H.265 Main Profile@L5.0 High-tie
	H.264 BP/MP/HP@ level 5.0
	MPEG1
	MPEG2 SP@ML,MP@HL
	MPEG4 SP@L0-3，ASP@L0-5，GMC
	MPEG4 Short head format（H.263 baseline）
	VC-1 SP@ML,MP@HL,AP@L0-3
	Support 4K*2K@30fps
	Support four-Channel HD video decoding at the same time

SDI Inputs(Optional）	
Connector	1
Signal Standard	BNC
Supported resolutions	SD/HD/3G-SDI
Connector	1080p 60/50/30/25/24/25(PsF)/24(PsF)720p 60/50/25/24 1080i 1035i 625/525 line

CVBS（Video） Inputs	
Quantity	2
Connector	BNC
Signal Standard	PAL/NTSC 1Vpp±3db （0.7V Video+0.3v Sync） 75 ohm

Supported resolutions	480i,576i

※ Audio Inputs

Quantity	1
Connector	RCA
Signal Standard	Analog audio

※ Audio Output

Quantity	1
Connector	RCA
Signal Standard	Analog audio

DVI/VGA Outputs

Quantity	2 DVI、1VGA		
Connector	DVI-I、DB15		
Signal Standard	DVI：DVI1.0	VGA：VESA	
Resolutions	800×600@60Hz	1920×1080@60Hz	2560×816@60Hz
	1024×768@60Hz	1920×1200@60Hz	3840×640@60Hz
	1280×720@60Hz	1024×1920@60Hz	Customized resolution
	1280×1024@60Hz	1536×1536@60Hz	
	1440×900@60Hz	2046×640@60Hz	
	1600×1200@60Hz	2048×1152@60Hz	
	1680×1050@60Hz	2304×1152@60Hz	

Whole machine

N.W	
Size（mm）	Case size：（LWH） Packing size：LWH =
Power Supply	100VAC – 240VAC 50/60Hz
Maximum power	18W
Temperature	0°C～45°C
Storage humidity	10%～90%