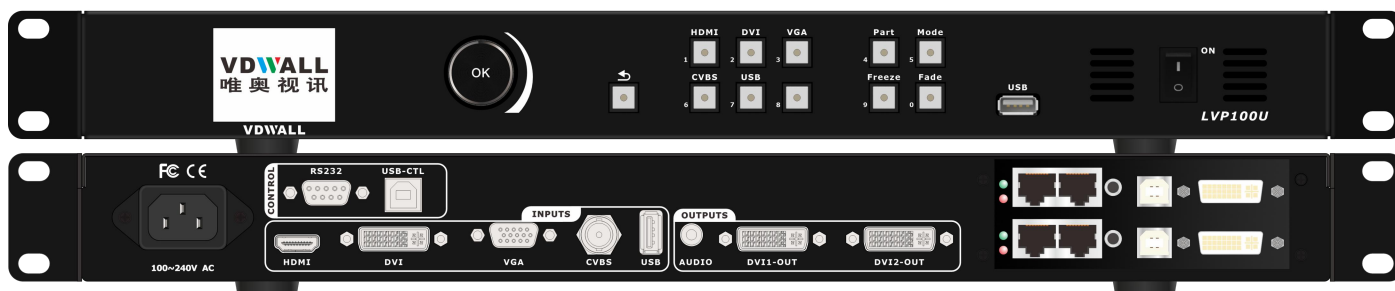


LED Video Processor --- LVP 100U

Version	Time	Description	Draft
V1.0	2023.04.21	Released	LJH



I Features

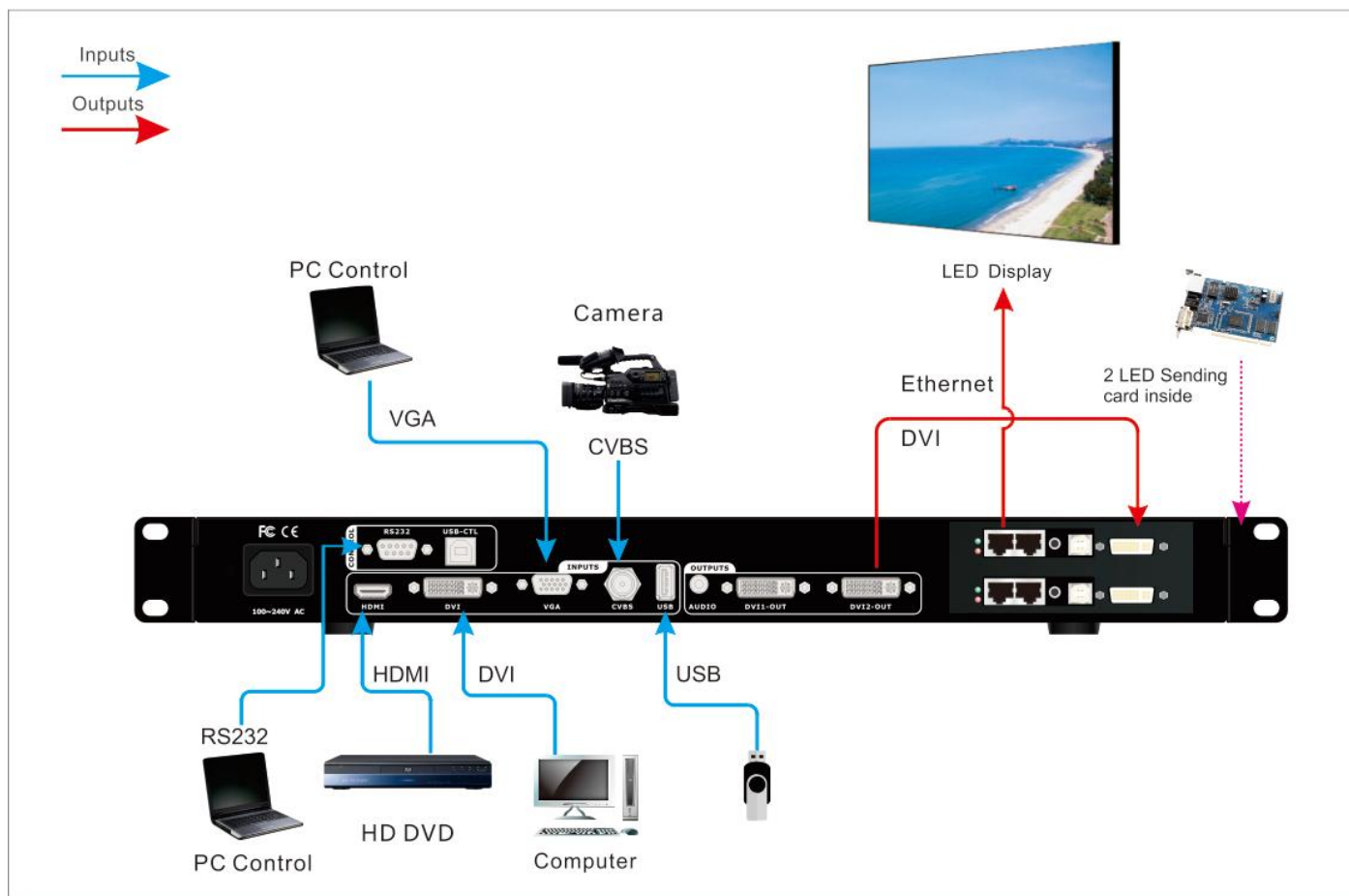
- ◆ 5 inputs, 3 outputs, audio output, it's enough for application requirements to small LED in most cases.
- ◆ It allows an access to set the output resolution to fulfill the size of LED screen.
- ◆ Support multiple input DVI EDID resolutions for the perfect pixel to pixel display.
- ◆ Seamless switching, fade in and fade out switching.
- ◆ User defined Color, Sharpness and Brightness.
- ◆ Preset modes, support 10 preset modes, quickly apply various scenarios.
- ◆ Control method, operations on front panel buttons, it's convenient and flexible.
- ◆ It is enabled to put 2 sending cards inside.
- ◆ It is enabled to work for seven days a week and twenty four hours a day. High-reliable and stable.

II Specification

Input Signal		
Amount / Type	1×CVBS 1×VGA (RGBHV) 1×DVI (VESA / CEA-861) 1×HDMI (VESA / CEA-861) 2×USB (USB2.0)	
Composite Video	PAL / NTSC	
Video Amplitude/ Impedance	1V (p_p) / 75Ω	
HDMI	PC (VESA Standard)	≤1920x1280@60Hz
	HDMI1.3 (CEA-861)	
DVI	PC (VESA Standard)	≤1920x 1280@60Hz
	DVI1.4 (CEA-861)	
VGA	VGA (RGBHV Standard)	≤1920×1080@60Hz
CVBS	Support PAL, PAL-M/N, NTSC, SECAM format	
USB	USB2.0 standard	≤1920 x 1080@60Hz
Input Terminal	CVBS: BNC VGA: 15pin D_Sub (Female) DVI: 24+1 DVI_D HDMI: HDMI Type A	
Output Signal		
Amount / Type	2x DVI 1x AUDIO	
DVI Format	1024×768@60Hz 1280×720@60Hz 1280×1024@60Hz 1600×1200@60Hz 1920×1080@60Hz 1920×1200@60Hz 1920×1280@60Hz	
Customized Output Resolution	@60Hz: (2.65 million pixels) 4096*640@60Hz 3840*720@60Hz 2560*1080@60Hz 1340*2018@60Hz @30Hz:	

	530 (5.3 million pixels) 4096*640@30Hz 3840*720@30Hz 2560*1080@30Hz 1340*2018@30Hz
AUDIO Format	Stereo Output
Output Terminal	DVI OUT: 24+1 DVI_D AUDIO OUT: AUDIO
Others	
Control Port	RS232
Control& Update	USB-CTL
Input AC Power	100-240VAC 50/60Hz
Power Consumption	22W
Ambient Temperature	0-50℃
Ambient Humidity	15-90%
Device Dimension	482.6(L) x 200(W) x 44(H) mm
Packaging Dimension	535 (L) x315 (W) x145 (H) mm
Weight	GW: 4Kg , NW: 2.5Kg
Standard Accessory	1.2M Power Cable×1 0.5M DVI Cable×1 1.5M HDMI Cable×1 User Manual × 1 USB Disk×1
Optional Accessory	Sending Card×2

III Connection Diagram



IV Product Dimension

