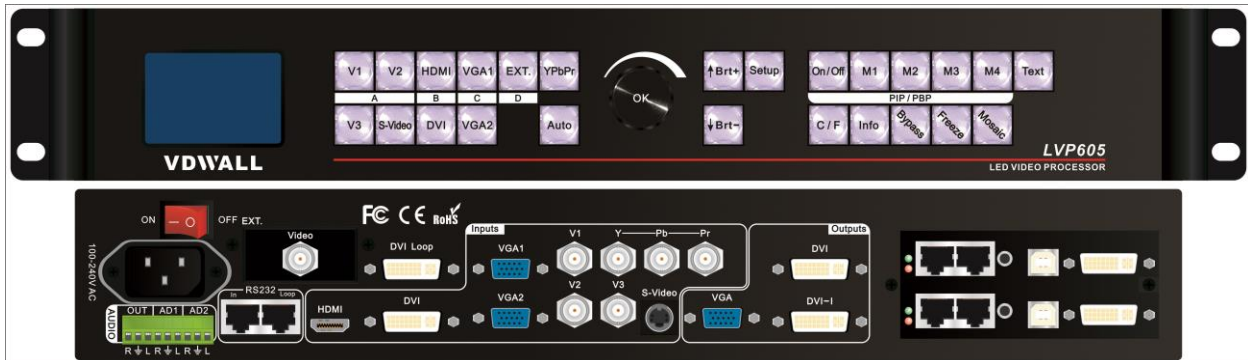


LVP605 series



- ◆ A new generation of professional LED video processor
- ◆ Clearer and more fluent image, stronger functions, easier to operate and setup.
- ◆ HD Text, Flash, Graphics & Logo Overlay
- ◆ Seamless Switching, Fade-in / Fade-out in different signal input signals.
- ◆ 4 custom PIP/POP display modes, which can be switched by pressing one button
- ◆ 2304 x1152 full high-definition input and output for single machine
- ◆ Customizable output format (maximum horizontal pixel: 3840 or maximum vertical pixel: 1920)
- ◆ multi-unit installed in parallel drive indefinite LED lattice
- ◆ AIAO(Any In Any Out) function allows for displaying any capturing picture in specific area on the screen

Features

1. 10+ Bit Faroudja® DCDI Cinema Processing
2. New Faroudja® Real Color®
3. Faroudja® TureLife™ Video Enhancer
4. Advanced 4x4 Pixels Interpolation Scaling Algorithm
5. HDMI 1.3a with HDCP, HD 1080p input
6. SDI. HDSDI(1080p) Input
7. 10-bit Processing
8. Seamless Switching, Fade-in / Fade-out
9. HD Text, Flash, Graphics & Logo Overlay
10. 4 custom PIP/POP display modes, which can be switched by pressing one button
11. Hot Spare function, display will be stable and reliable
12. Picture Freeze function
13. AIAO(Any In Any Out) function allows for displaying any capturing picture in specific area on the screen
14. 2304x1152 output for single machine , Customizable output format (maximum horizontal pixel: 3840 or maximum vertical pixel: 1920)
15. Multi-machine in parallel, multi-unit installed in parallel drive indefinite LED lattice
16. Easy setup and adjustment through knob and keys on the panel. Full design RS232 command for operating and setting.
17. Press keys on frontal panel to directly select 10-channel input signal source, including:
 - 3xCVBS 1xDVI 1xHDMI 2xVGA
 - 1xYPbPr/ YCbCr 1xS-VIDEO
 - 1xEXT. (extended module , can be VIDEO or SDI/HD-SDI or VGA/DVI/HDMI)
18. 2 channels can be configured to connect external stereo audio, plus DVI, HDMI and SDI audio, there are 5-channel audio for synchronous switch
19. 2 LED Transmission Cards Built-in ability (sending cards are optional)
20. 24/7 Application

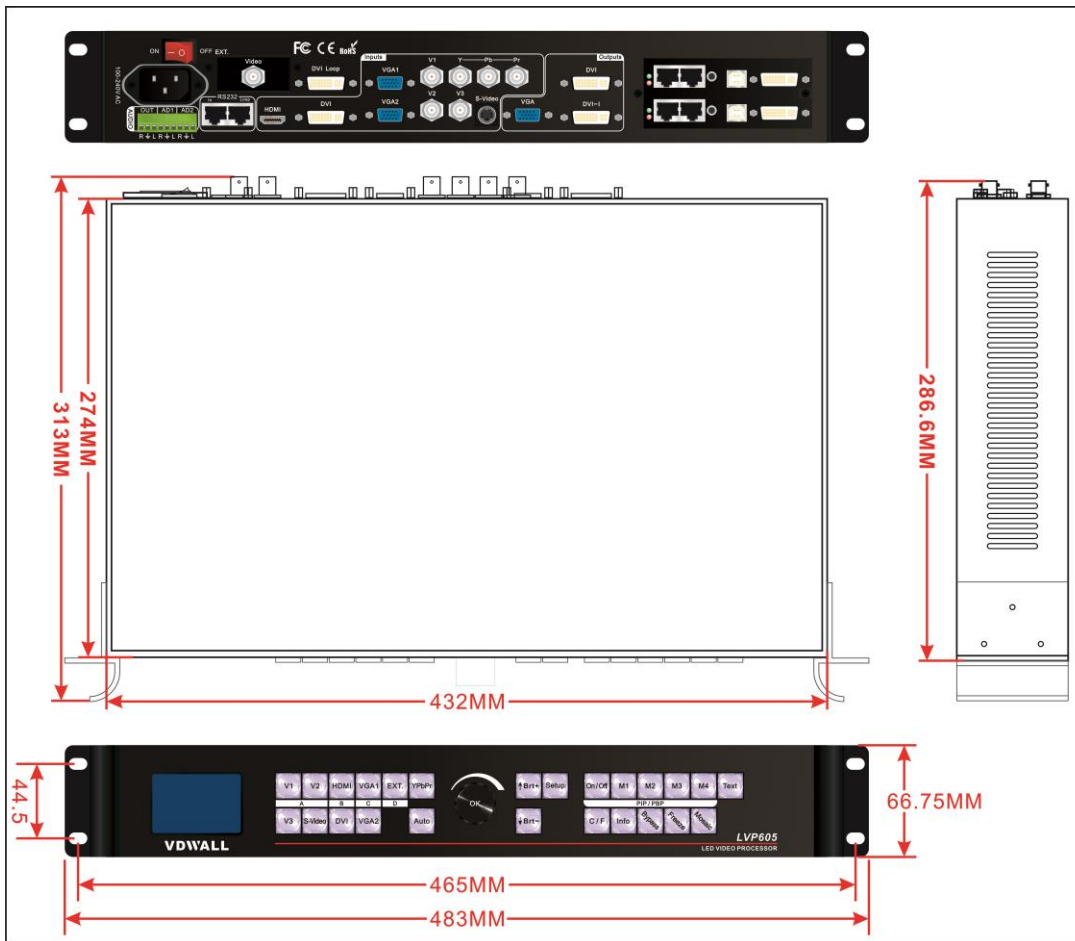
◆ Specifications

Inputs	
Number/Type	3xVideo 1xS-Video 1xYPbPr 2xVGA (RGBHV) 1xHDMI (VESA/CEA-861) 1xDVI (VESA) 1xEXT. (Extended)
Video system	PAL/NTSC
Composite Video Amplitude/Impedance	1V (p_p) / 75Ω

S-Video Amplitude /Impedance	Y: 1.0V (p_p) / 75Ω, C: 0.35V (p_p) / 75Ω	
VGA Format	PC (VESA)	≤2048x1152_60Hz
VGA Amplitude /Impedance	R、G、B = 0.7 V (p_p) / 75Ω	
DVI Format	PC (VESA)	≤2304x1152_60Hz
HDMI Format (HDCP)	PC (VESA)	≤2304x1152_60Hz
	HDMI1.3 (CEA-861)	≤1920x1080p_60Hz
YPbPr Format	SD/HD (CEA-861)	≤1920x1080P_60Hz
YPbPr Amplitude /Impedance	Y= 1.0V (p_p)/75Ω Pb= 0.35V (p_p)/75Ω Pr= 0.35V (p_p)/75Ω	
SDI format	SMPTE259M-C	480i_60Hz
	SMPTE 292M	576i_50Hz
	SMPTE 274M/296M	720p、1080i、1080p
	SMPTE 424M/425M	
Audio Scope/Impedance	2.0Vp-p/10KΩ	
Input Connectors	VGA: 15-pin D_Sub (Female) DVI: 24+1 DVI_D YPbPr: BNC×3 Video: BNC S-Video: 4pin mini DIN (Female) SDI: BNC	
Outputs		
Number/Type	1×VGA (RGBHV) 2×DVI	
VGA/DVI Format	1024x768_60Hz/75Hz 1280x1024_60Hz/75Hz 1600x1200_60Hz 1920x1080p_50Hz/60Hz 1366x768_60Hz 1440x900_60Hz 2048x1152_60Hz 2560x816_60Hz 2304x1152_60Hz 1920x1200_60 Hz 1200x1600_60 Hz 1080x1920_60 Hz 1536x1536_60 Hz Customizable output format (maximum horizontal pixel: 3840 or maximum vertical pixel: 1920)	
VGA Amplitude	R、G、B = 0.7 V (p_p) / 75Ω	

/Impedance	
Output Connectors	VGA OUT: 15-pin D_Sub (Female) DVI OUT1: 24+5 DVI_I DVI OUT2: 24+1 DVI_D
Others	
Control	Panel Buttons
Input Voltage	100-240VAC 50/60Hz
Maximum Power Consumption	≤20W
Environment Temperature	5-40 °C
Environment Humidity	15-85%
Package Size	145 mm (H) × 370mm (W) × 535mm (L)
Weight (G.W.)	5.0 Kg
Weight (N.W.)	3.2Kg

◆ **Product dimension:**



Notes to model

LVP605D: with VGA/DVI/HDMI extended model

LVP605S: with SDI/HD-SDI extended model

LVP605: with VIDEO extended model

◆ **Connection diagram (LVP605S)**

