

# 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
- ◆ 2048 x1152 full high-definition input and output for single machine
- ◆ 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

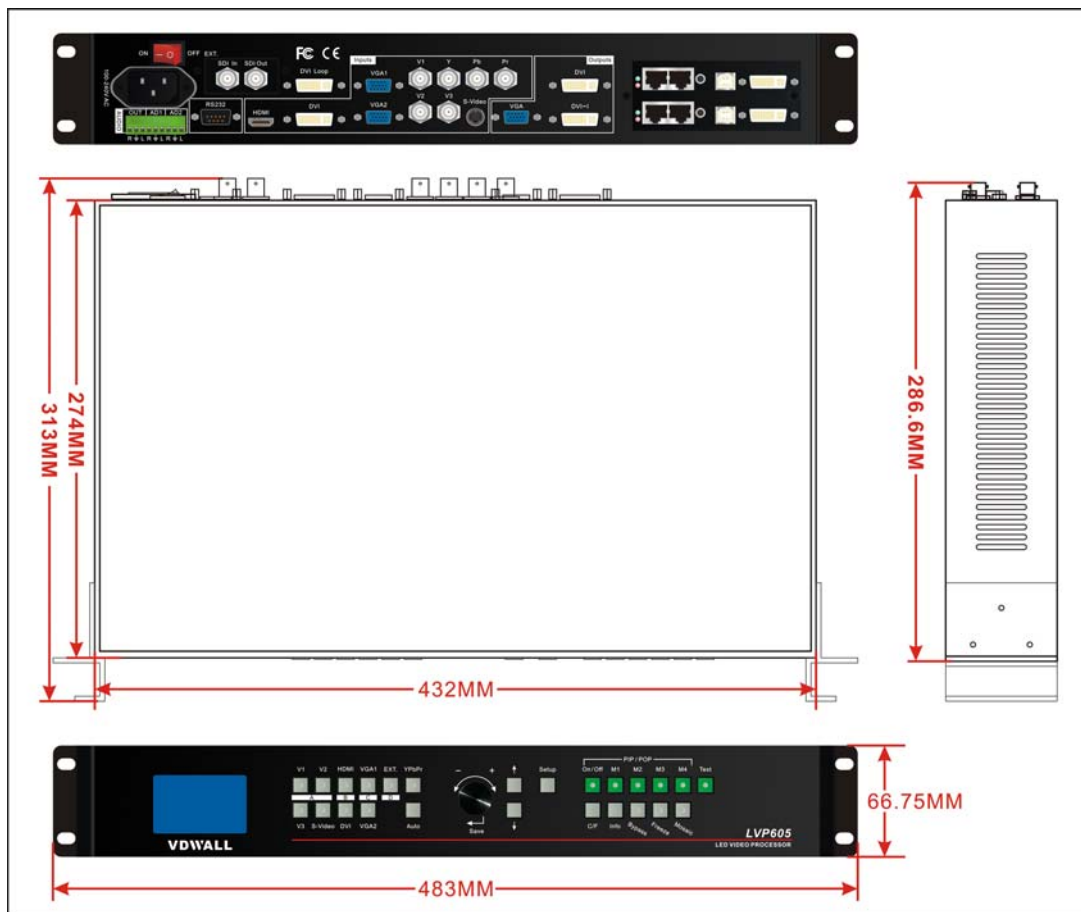
4. Advanced 4x4 Pixels Interpolation Scaling Algorithm
5. HDMI 1.3a with HDCP, HD 1080p input
6. SDI. HDSDI(1080p) Input
7. 10-bit Processing
8. Seamless Switching, Fade-in / Fade-out
9. HD Text, Flash, Graphics & Logo Overlay
10. 4 custom PIP/POP display modes, which can be switched by pressing one 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. 2048x1152 output for single machine
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 or knob on frontal panel to directly select 10-channel input signal source, including:
  - 3×CVBS      1×DVI      1×HDMI      2×VGA
  - 1×YPbPr/ YCbCr      1×S-VIDEO
  - 1×EXT. (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	
Nums/Type	3×Composite 1×S-Video 1×YPbPr 2×VGA (RGBHV) 1×HDMI (1.3a with HDCP ) 1×DVI (HDMI) 1×EXT. (Extended)
Video system	PAL/NTSC
Composite Video Scope/Impedance	1V (p_p) / 75Ω
S-VIDEO Scope/Impedance	Y: 1.0V (p_p) / 75Ω, C: 0.35V (p_p) / 75Ω
VGA Format	PC (VESA)      ≤2048x1152 @60Hz
VGA Scope/Impedance	R、 G、 B = 0.7 V (p_p) / 75Ω
DVI Format	SD/HD (CEA-861)      ≤1920x1080P @60Hz

	PC (VESA)	≤2048x1152 @60Hz
HDMI 1.3 Format (HDCP)	SD/HD (CEA-861)	≤1920x1080P @60Hz
	PC (VESA)	≤2048x1152 @60Hz
YPbPr Format	SD/HD (CEA-861)	≤1920x1080P @60Hz
YPbPr Scope/Impedance	Y= 1.0V (p_p) / 75Ω Pb= 0.35V (p_p) / 75Ω Pr= 0.35V (p_p) / 75Ω	
SDI format	SDI-SMPTE 259M-C	576i @50Hz 480i @60Hz
HDSDI 3GSDI format	HDSDI-SMPTE 292M SMPTE 274M/296M SMPTE 424M/425M	≤1080P @50Hz/60Hz
AUDIO Scope/Impedance	2.0Vp-p/10KΩ	
Input Connectors	VGA: 15pin D_Sub(Female) DVI: 24+1 DVI_D YPbPr: BNC×3 Composite: BNC S-VIDEO: 4pin mini DIN(Female) SDI/ HDSDI : BNC	
<b>Outputs</b>		
Nums/Type	1×VGA (RGBHV) 2×DVI	
VGA/DVI Format	1024×768@60Hz/75Hz 1280×1024@60Hz/75Hz 1600×1200@60Hz 1920×1080p@50Hz/60Hz 1366×768@60Hz 1440×900@60Hz 2048×1152@60Hz	
VGA Scope/Impedance	R、G、B = 0.7 V (p_p) / 75Ω	
Output Connectors	VGA OUT: 15pin D_Sub(Female) DVI OUT1: 24+5 DVI_I DVI OUT2: 24+1 DVI_D	
<b>Others</b>		
Control	Panel Button,RS232	
Power	100-240VAC 35W 50/60Hz	
Operating Temp	5-40 °C	
Humidity	15-85%	
Dimensions (Package)	145 mm (height) × 370mm (width) × 535mm (length)	
Weight (G.W.)	5.0 Kg	
Weight (N.W.)	3.2Kg	

## ◆ Dimensions



## 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)

