

## Overview of LVP603 series LED HD Video Processor



- 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
- Unrestricted HD Picture-in-Picture (PIP) & Picture-by-Picture
- 1920 x1080 full high-definition input and output for single machine
- Multi-machine in parallel to drive 7680 x 4320 LED screen

### Features

1. 10+ Bit Faroudja® DCDI Cinema Processing
2. New Faroudja® Real Color®
3. Advanced 4x4 Pixels Interpolation Scaling Algorithm
4. HD Text, Flash, Graphics & Logo Overlay
5. Seamless Switching, Fade-in / Fade-out
6. Unrestricted HD Picture-in-Picture (PIP) & Picture-by-Picture

7. Independent H & V Scaling Ratios
8. HDMI 1.3a with HDCP, HD 1080p input
9. 1920 x 1080 p or 1600 x 1200 output for single machine
10. Multi-machine in parallel, 4x4 in parallel can connect 7680 x 4320 LED screen
11. Fast 64-level output brightness adjustment
12. Easy setup and adjustment through keys on the panel
13. Press keys on frontal panel to directly select 6-channel input signal source,  
including:

1 × HDMI(with HDCP)	1 × DVI		
1 × VGA	1 × DP(DisplayPort)	2 × CVBS	
14. 2 channels can be configured to connect external stereo audio, plus DP, HDMI, there are 4-channel audio for synchronous switch
15. 2 LED Transmission Cards Built-in ability
16. 24/7 Application

## Specifications

Inputs	
Nums /Type	2×composite video 1×DP(Display Port) 1×VGA (RGBHV) 1×DVI 1×HDMI
Video system	PAL/NTSC
Composite Video Scope/Impedance	1V (p_p) / 75Ω
VGA Format	PC (VESA) ≤1600x1200 @60HZ
VGA Scope/Impedance	R、G、B = 0.7 V (p_p) / 75Ω
DVI Format	SD/HD(EIA-861B) ≤1920x1080P @60HZ
	PC(VESA) ≤1600x1200 @60HZ
HDMI Format (HDCP)	SD/HD(EIA-861B) ≤1920x1080P @60HZ
	PC(VESA) ≤1600x1200 @60HZ
DP Format	SD/HD(EIA-861B) ≤1920x1080P @60HZ
	PC(VESA) ≤1600x1200 @60HZ
Input Connectors	VGA: 15pin D_Sub(Female) DVI: 24+1 DVI_D Composite video: BNC D/P: Display Port SDI/HDSDI: BNC
Outputs	
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
VGA Scope/Impedance	R、G、B = 0.7 V (p_p) / 75Ω
Output Connectors	VGA: 15pin D_Sub(female) DVI OUT1: 24+5 DVI_I DVI OUT2: 24+1 DVI_D
Others	
Control	Panel Button
Power	100-240VAC 60W 50/60Hz
Operating Temp	5-40 °C
Humidity	15-85%
Size	155 mm (high) × 350mm (wide) × 485mm (length)
Weight	5.6 Kg