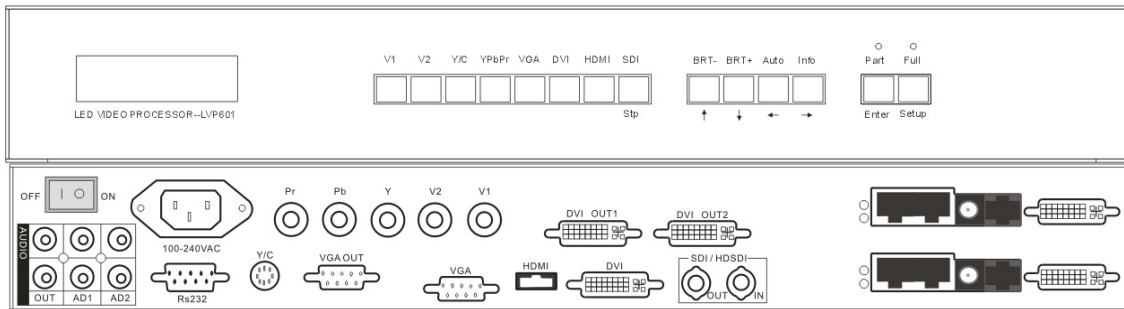


LVP601S



- ◆ **A new generation of professional LED video processor**
- ◆ **Clearer and more fluent image, stronger functions, easier to operate and setup.**
- ◆ **1920 x1080 full high-definition input and output for single machine**
- ◆ **Multi-machine in parallel to drive 7680 x 4320 LED screen**

◆ **Features**

1. Digital Video Decoder
2. Adaptive 2/4-line Comb filter for Two Dimensional Chrominance/Luminance Separation
3. State-of-the-art Motion-Adaptive Deinterlace Processor
4. Intelligent Edge Deinterlacing
5. Digital Color/Luminance Transient Improvement (DCTI/DLTI)
6. Advanced 4x4 Pixels Interpolation Scaling Algorithm
7. Advanced 4-symbol LUT for H and V Shrink & Zoom Scaler
8. Independent H & V Scaling Ratios
9. 10-bit Processing
10. HDSDI, HDMI(with HDCP) digital high-definition 1080i/1080p input
11. 1920 x 1080 p or 1600 x 1200 output for single machine
12. Multi-machine in parallel, 4x4 in parallel can connect 7680 x 4320 LED screen
13. 10-bit Processing
14. Fast 64-level output brightness adjustment
15. Easy setup and adjustment through keys on the panel
16. Press keys on frontal panel to directly select 8-channel input signal source, including:

1 x SDI/HDSDI	1 x HDMI	1 x DVI
1 x VGA	2 x CVBS	1 x Y/C (S_Video)
1 x YPbPr		

17. 2 channels can be configured to connect external stereo audio, plus HDMI and SDI audio, there are 4-channel audio for synchronous switch
18. 2 LED Transmission Cards Built-in ability
19. 24/7 high-reliability and high-stability applications.

◆ Specifications

Inputs	
Nums/Type	2×composite video 1×Y/C video (S_Video) 1×YPbPr 1×VGA (RGBHV) 1×DVI 1×HDMI 1×SDI (HDSDI)
Video system	PAL/NTSC
Composite Video Scope/Impedance	1V (p_p) / 75
Y/C Scope/Impedance	Y=0.7V (p_p) / 75Ω , C=0.35V (p_p) / 75Ω
VGA/DVI Format	800×600@60Hz/75Hz/85Hz 1024×768@60Hz/75Hz/85Hz 1280×960@60Hz/85Hz 1280×1024@60Hz/75Hz/85Hz 1600×1200@60Hz 1920×1080@60Hz etc.
VGA Scope/Impedance	R、 G、 B = 0.7 V (p_p) / 75Ω
HDMI / YPbPr Format	720×480i@59.94Hz/60Hz 720×480p@59.94Hz/60Hz 720×576i@50Hz 720×576p@50Hz 1280×720p@50Hz/59.94Hz/60Hz 1920×1080p@50Hz/59.94Hz/60Hz 1920×1080i@50Hz/59.94Hz/60Hz
YPbPr Scope/Impedance	Y= -0.3V ~ +0.7V (p_p) / 75Ω Pb= -0.35V ~ +0.35V (p_p) / 75Ω Pr= -0.35V ~ +0.35V (p_p) / 75Ω
SDI/HDSDI format	720×480i@59.94Hz/60Hz 720×576i@50Hz 1280×720p@50Hz/59.94Hz/60Hz 1920×1080i@50Hz/59.94Hz/60Hz

Input Connectors	VGA : 15pin D_Sub(Female) DVI : 24+1 DVI_D YPbPr: BNC×3 Composite video : BNC Y/C video : 4pin mini DIN(Female) 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
Humidity	15-85%
Size	155 mm (high) × 350mm (wide) × 485mm (length)
Weight	5.6 Kg

◆ **Notes to model**

LVP 601S: with **SDI / HDSDI** input interface.

LVP601: without **SDI / HDSDI** input interface. So all instructions regarding **SDI、 HDSDI** in above don't apply to **LVP601!**