

StormLed

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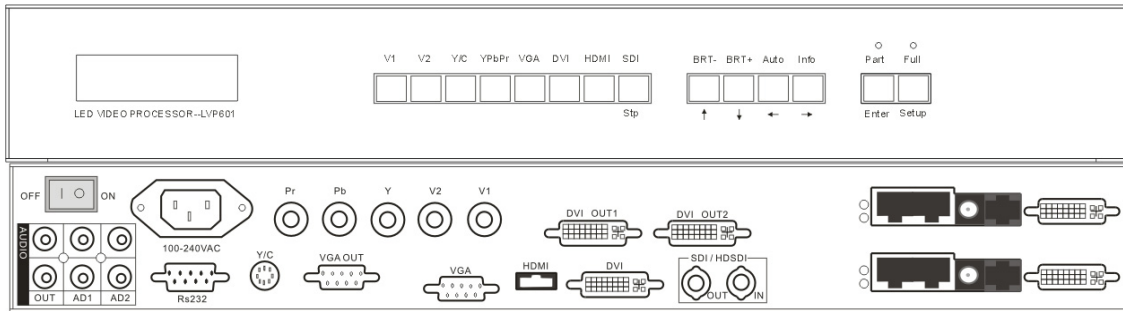
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STORMLED
PRODUCTIONS

LVP601S

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. 10+ Bit **Faroudja**® DCDI Cinema Processing
2. New **Faroudja**® Real Color®
3. **Faroudja**® TureLife™ Video Enhancer
4. Advanced 4x4 Pixels Interpolation Scaling Algorithm
5. Advanced 4-symbol LUT for H and V Shrink & Zoom Scaler
6. Independent H & V Scaling Ratios
7. 10-bit Processing
8. HDMI 1.3a with **HDCP**, HD 1080p input
9. SDI. **HDSI**(1080i) Input
10. 1920 x 1080 p or 1600 x 1200 output for single machine
11. Multi-machine in parallel, 4x4 in parallel can connect 7680 x 4320 LED screen
12. 10-bit Processing
13. Fast 64-level output brightness adjustment
14. Easy setup and adjustment through keys on the panel
15. Press keys on frontal panel to directly select 8-channel input signal source, including:

1 x SDI/HDSI	1 x HDMI(with HDCP)	1 x DVI
1 x VGA	2 x CVBS	1 x Y/C (S_Video)
1 x YPbPr		
16. 2 channels can be configured to connect external stereo audio, plus HDMI and SDI audio, there are 4-channel audio for synchronous switch
17. 2 LED Transmission Cards Built-in ability

18. 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) / 75Ω
Y/C Scope/Impedance	Y=0.7V (p_p) / 75Ω, C=0.35V (p_p) / 75Ω
VGA Format	640×480@60Hz/72Hz/75Hz 800×600@56Hz/60Hz/72Hz/75Hz/85Hz 1024×768@60Hz/70Hz/75Hz/85Hz 1152×864@75Hz 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
DVI / HDMI Format	720×400@70Hz/88Hz 640×480@60Hz/67Hz/72Hz/75Hz 800×600@56Hz/60Hz/72Hz/75Hz/85Hz 832×624@75Hz 1024×768@60Hz/70Hz/75Hz/85Hz 1152×870@75Hz 1280×960@60Hz/85Hz 1280×1024@60Hz/75Hz 1600×900@60Hz 1600×1200@60Hz 1680×1050@60Hz 720×480i@59.94Hz/60Hz 720×480p@59.94Hz/60Hz 720×576i@50Hz 720×576p@50Hz 1280×720p@50Hz/59.94Hz/60Hz 1920×1080p@24Hz/25Hz/30Hz /50Hz/59.94Hz/60Hz 1920×1080i@50Hz/59.94Hz/60Hz etc.

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/HDS DI 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/ HDS DI : 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

◆ Notes to model

LVP 601S: with **SDI / HDS DI** input interface.

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