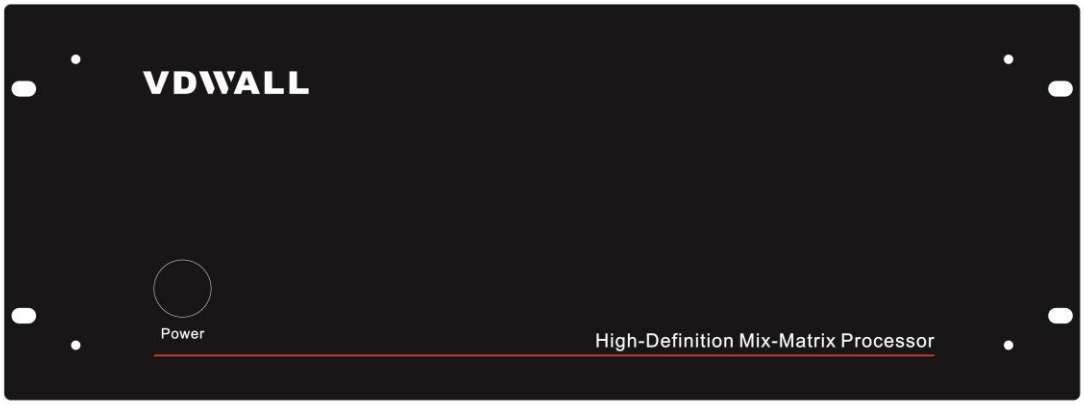
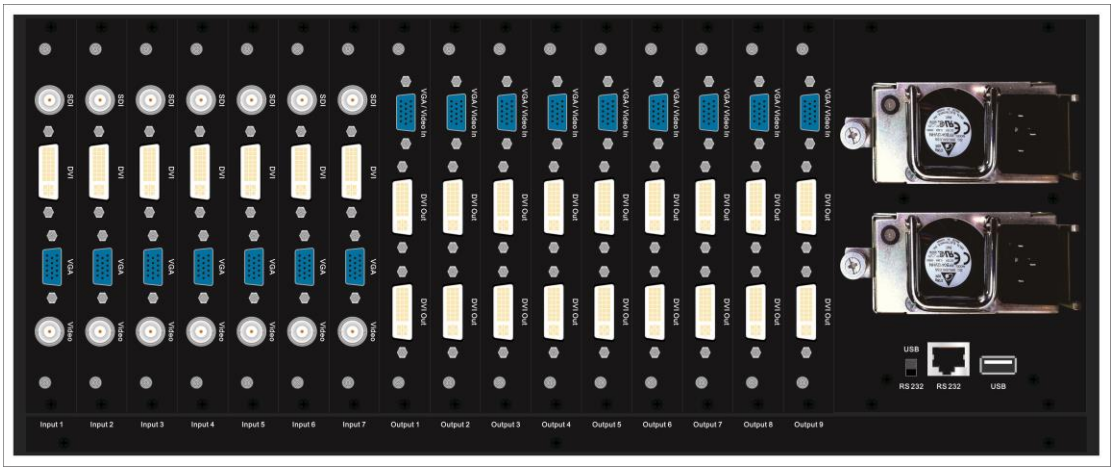
LVP98XX

High-Definition Mix-Matrix Processor





Key features

1. **New generation LED Display multi-function equipment, integrating led processor, mixed video(including CVBS,VGA,DVI,SDI) matrix switching, zoom splicing or point-to-point splicing.**
2. **Multi-format analog and digital signals input, including 16*CVBS,16*VGA,7*DVI,7*SDI.**

3. **9 groups 18 channels DVI outputs, each group maximum pixels 1920*1080p or 1600*1200/60HZ；**
4. **Advanced DCDI Cinema Processing technology,** eliminating video image motion blur and saw tooth phenomenon**;**
5. **New Faroudja® Real Color® processing;**
6. **Faroudja® TureLife™ video image enhancement;**
7. **Adopting CrossPoint full cross high-bandwidth high speed data transmission technology.**
8. **Multi-screen across display, image roaming, Arbitrary scaling across size.**
9. **Seamless switching, fade in fade out between any two input signals.**
10. **Supports text overlay， AIAO(Any In Any Out) function allows for displaying any capturing picture in specific area on the screen**
11. **Zoom synchronization splicing， Frame synchronous technology, no miss alignment or delay between two adjacent image output, to make sure horizontal and vertical image synchronization, the image will not tear.**
12. **Supports Point-to-Point extended splicing, Stand-one unit supports maximum horizontal 15360 pixels or vertical 9600 lines.**

13. **Multiple pre-save splicing models call, seamless switching between models.**
14. **Insert card design. Input capture cards, output cards, fans, power and other major modules are plug-in design. Flexible card design has brought great convenience for everyday use, maintenance. It is unnecessary to disassemble the chassis when replacing the failed components. Just remove the failed module and replace it which will not affect other modules normal functions；**
15. **N +1 redundant power supply design, more reliable operation.**
16. **Control Way: serial port, USB or PC software interface.**

◆ **Key specifications**

Inputs			
Quantity/Type	16×CVBS 16×VGA（RGBHV） 7×DVI/HDMI 7×SDI（HD-SDI）		
Video System	PAL/NTSC		
Composite Video Amplitude Impedance	1V（p_p）/ 75Ω		
VGA Format	PC（VESA）	≤1600x1200 @60HZ	
VGA Amplitude Impedance	R、G、B = 0.7 V（p_p）/ 75Ω		
DVI Format	SD/HD（CEA-861）	≤1600x1200 @60HZ	
	PC（VESA）	≤1600x1200 @60HZ	
HDMI1.3 Format	SD/HD（CEA-861）	≤1920x1080P @60HZ	

（HDCP）	PC（VESA）	≤1600x1200 @60HZ
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
Input Connectors	Composite Video：BNC VGA：15pin D_Sub(Female) DVI：24+1 DVI_D SDI/ HDSDI ：BNC/ 75Ω	
Outputs		
Quantity/Type	18×DVI	
Preview Output	2×DVI（Any output can be preview output）	
DVI Format	1024×768@60Hz 1366×768@60Hz 1280×1024@60Hz 1440x900@60Hz 1920×1080p@60Hz 1600x1200@60Hz	
Output Connectors	DVI：24+1 DVI_D	
Others		
Control	PC software	
Input Voltage	100-240VAC 50/60Hz	
Power Consumption	≤218W	
Temperature	0-45℃	
Humidity	15-85%	
Dimensions	Standard 4U	
Weight （G.W.）	17Kg	