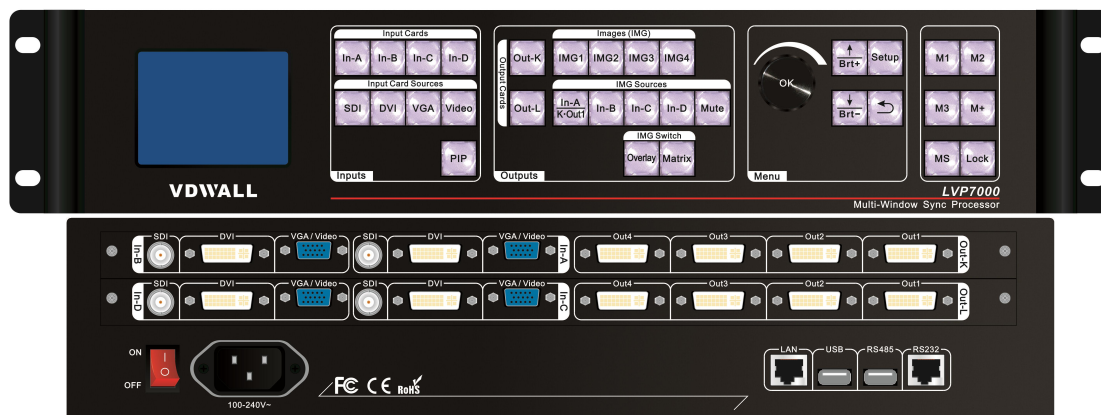


# LVP7000 系列多窗口拼接处理器

## LVP7000 series Multi-window Videowall Processor



### 产品功能与特性

#### Product functions and features

- ◆ 高度集成多种先进的视频图像处理技术：  
混合视频无缝切换、同步拼接、多画面开窗叠加等  
**Highly integrated video processor with varieties of advanced image processing technologies:**  
**Seamless switching, Sync-output cropped images, Multi-window display by image overlay etc**
- ◆ 支持多路高清、标清，模拟和数字视频输入：  
**Supports SD and HD, Analog and Digital Video Inputs:**  
**4×CVBS                      4×VGA**  
**4×DVI (HDMI)              4×SDI (SD-SDI / HD-SDI / 3G-SDI)**
- ◆ Faroudja DCDi 像素级的运动自适应去隔行处理  
**Per pixel Motion Adaptive De-interlacing processing by Faroudja DCDi**

- ◆ 8 路 DVI 输出，每个端口最大输出分辨率为 1920\*1200\_60Hz

**8 DVI Outputs, Each one has the resolution up to 1920 x 1200\_60Hz**

- ◆ 单机拼接画面水平最宽 15360 点或垂直最高 11520 行

**Output width up to 15360 pixels or output height up to 11520 lines by one LVP7000**

- ◆ 拼接调整辅助计算，快捷并准确

**Device Aided calculation of the cropped image's size and position**

- ◆ 采用 CrossPoint 全交叉高带宽视频切换技术

**Fully CrossPoint high bandwidth video switching**

- ◆ 任意输入信号无缝切换、淡入淡出切换

**Ture seamless switching and Fade-in/Fade-out switching to any one of input signals**

- ◆ 16套预存显示模式（场景），显示模式（场景）全无缝切换与调用

**16 preset Display Modes, smooth transition between any two Display Modes**

- ◆ 支持PC软件对设备数据导入导出，从而对设备数据进行备份与恢复

**Backup or Restore the device settings and adjustment data by a PC**

- ◆ 24/7 应用，稳定可靠

**24/7 Application, stable and reliable**

## 技术规格

### Technology specification

输入信号指标 Input signal index		
类型/数量 Type/Quantity	4×CVBS 4×VGA (RGBHV) 4×DVI (VESA/CEA-861) 4×SDI (SDI/HD-SDI/3G-SDI)	
视频制式 Video standard	PAL/NTSC	
复合视频幅度阻抗 Composite Video Scope/Impedance	1V (p_p) / 75Ω	
VGA 格式 VGA format	PC (VESA)	≤1920×1200_60Hz
VGA 幅度阻抗 VGA Scope/Impedance	R、G、B = 0.7 V (p_p) / 75Ω	
DVI 格式 DVI format	PC (VESA)	≤1920×1200_60Hz
	HDMI-1.3 (CEA-861)	≤1920×1080_60Hz
SDI 格式 SDI format	SMPTE 259M SMPTE 292M	480i_60Hz 576i_50Hz 720p、1080i、1080p
输入端子 Input port	CVBS: VGA socket P4 VGA: 15pin D_Sub(female) DVI: 24+1 DVI_D SDI: BNC/ 75Ω	
输出信号指标 Output signal index		
类型 / 数量 Type/Quantity	8×DVI	
预监输出 Preview output	1×DVI (可选一路 Out_K 或 Out_L 作为预监输出) (one channel of Out_K or Out_L is optional as preview output)	
DVI 分辨率 DVI resolution	1024×768_60Hz、1280×1024_60Hz 1920×1080p_60Hz、1920×1200_60Hz <a href="#">1440×1440_60Hz</a>	
输出端子 Output port	DVI: 24+1 DVI_D	
其它 Others		
控制端口 Control port	RS232/USB/LAN	

输入电压 Input Voltage	100-240VAC 50/60Hz
整机最大功耗 Maximum power consumption	≤80W
环境温度 Operating Temp	0-45 °C
环境湿度 Humidity	15-85%
产品尺寸 Dimensions (Product)	482.6(length) x 300(width) x 89(height)mm
包装尺寸 Dimensions (Package)	540(length) x 400(width) x 180(height)mm
净重 Weight(N.W.)	5Kg
毛重 Weight (G.W.)	9Kg