

## LVP40X

A new generation of professional LED HD videowall processor

— *Perfect splicing, endless creation*



- ◆ **Clearer and more fluent image, stronger functions**
- ◆ **Frame synchronous technology, no miss alignment or delay between two adjacent image output**
- ◆ **3 display modes, and seamless switch between these modes**
- ◆ **seamless switch, fade in /out functions between input signals**
- ◆ **stand-alone unit supports maximum horizontal 15360 pixels or vertical 9600 lines; multi-unit installed in parallel drive indefinite LED lattice**
- ◆ **AIAO(Any In Any Out) function allows for displaying any capturing picture in specific area on the screen**

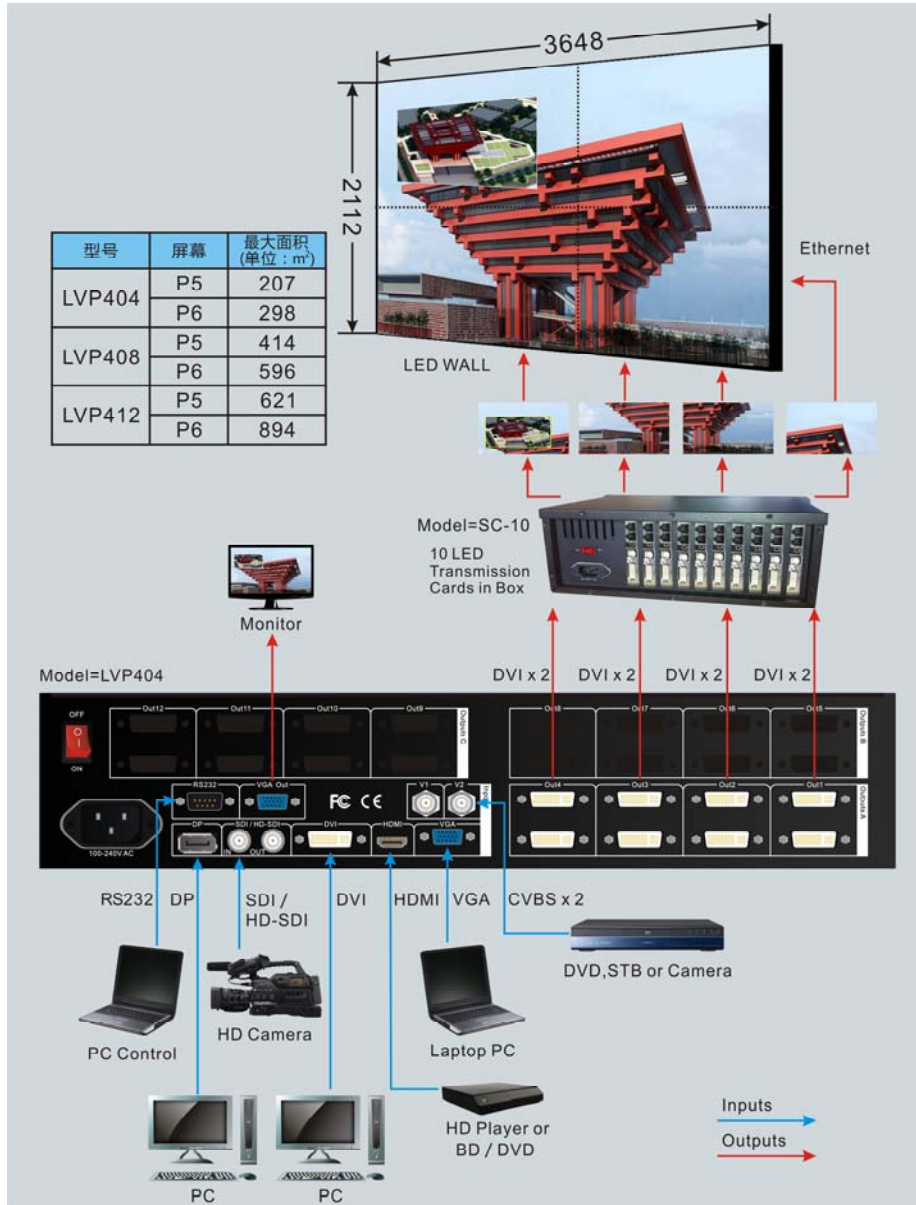
## **Features**

1. Frame synchronous technology, no miss alignment or delay between two adjacent image output
2. AIAO(Any In Any Out) function allows for displaying any capturing picture in specific area on the screen
3. 3 display modes, and seamless switch between these modes
4. 10+ Bit Faroudja® DCDI Cinema Processing
5. New Faroudja® Real Color®
6. Advanced 4x4 Pixels Interpolation Scaling Algorithm
7. HD Text, Flash, Graphics & Logo Overlay
8. Seamless Switching, Fade-in / Fade-out
9. Unrestricted HD Picture-in-Picture (PIP) & Picture-by-Picture
10. Independent H & V Scaling Ratios
11. HDMI 1.3a with HDCP, HD 1080p input
12. SDI. HDSDI(1080p) Input
13. stand-alone unit supports maximum horizontal 23040 pixels or vertical 14400 lines; multi-unit installed in parallel drive indefinite LED lattice
14. Fast 32-level output brightness adjustment
15. Easy setup and adjustment through keys on the panel
16. Press keys or knob on frontal panel to directly select 7-channel input signal source,

including: 1 x SDI/HDSDI 1 x HDMI(with HDCP) 1 x DVI  
 1 x VGA 1 x DP(DisplayPort) 2 x CVBS

17. 24/7 Application

◆ Connection diagram



◆ Specifications

Inputs	
Nums/Type	2×Composite video 1×DP(DisplayPort) 1×VGA (RGBHV) 1×DVI 1×HDMI 1×SDI (HDSDI)
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
SDI format	SDI-SMPTE	576i @50HZ
	259M-C	480i @60HZ
HDSDI 3GSDI format	HDSDI-SMPTE	1080P @50Hz/60Hz
	292M	1080i @50Hz/60Hz
	SMPTE	720P @60Hz
	274M/296M	
Input Connectors	VGA: 15pin D_Sub(Female) DVI: 24+1 DVI_D Composite video: BNC DP: DisplayPort SDI/HDSDI: BNC	
<b>Outputs</b>		
Nums/Type		
DVI Format	1024×768@60Hz 1280×1024@60Hz 1600×1200@60Hz 1920×1080p@60Hz	
VGA Scope/Impedance	R, G, B = 0.7 V (p_p) / 75Ω	
Output Connectors	LVP404: 4*x2 pcs DVI-D LVP408: 8*x2 pcs DVI-D LVP412: 12*x2 pcs DVI-D	
<b>Others</b>		
Control	Panel Button,RS232	
Power	100-240VAC 60W 50/60Hz	
Operating Temp	5-40 °C	
Humidity	15-85%	
dimensions	190 mm (height) ×400mm (width) ×525mm (length)	
Weight	Net Weight :3.8 Kg    Gross Weight: 6.2Kg	

**Note:LVP40X contains the following 4 models.**

**LVP404**

**LVP408**

**LVP412**