

LVP615S LED HD Video Processor

Version	Time	Description	Draft
V1.0	2017.5.22		ZZH
V1.0	2017.6.5	Translate	DYJ
V1.1	2018.6.29	New knobs and switches	SR



I Features

- ◆ New generation Faroudja® Real Color® professional LED video processor, 10+ Bit Faroudja® DCDI Cinema Processing Faroudja® TureLife™ video enhancer.
- ◆ Seamless Switching、 Fade in Fade out Switching、 Blend Switching
- ◆ Two signal switching ways: one key switch and Pre. +Take switch
- ◆ 3 sets of custom dual picture display mode, one key switch between modes. Any PIP/PBP display.
- ◆ Adjust each YUV format signal channel color.
- ◆ Input signal hot spare function to ensure output more stable.
- ◆ AIAO(Any In Any Out) function, any interception and any output.
- ◆ Custom input DVI EDID to realize perfect pixel to pixel display.
- ◆ Custom output format. Single unit maximum output horizontal 3840 pixels or vertical 1920 pixels.
- ◆ DVI Loop compatible with Macbook. DVI Loop unlimited cascade to realize sync. mosaic to drive indefinite LED lattice. Frame sync technology. No miss alignment or delay between two adjacent image outputs.
- ◆ Supports HDCP1.4
- ◆ Supports Chinese, English, Spanish, Russian and Korean language.
- ◆ LCD display menu diagonal size 3 inch
- ◆ 2 channels configurable external audio inputs. Plus HDMI,DP and SDI total 5 channels audio sync switch.
- ◆ Built in 2 pieces LED sending cards(compatible 4*RJ45 ports sending cards.Cards are optional.)
- ◆ 24/7 application, high reliability and stability.

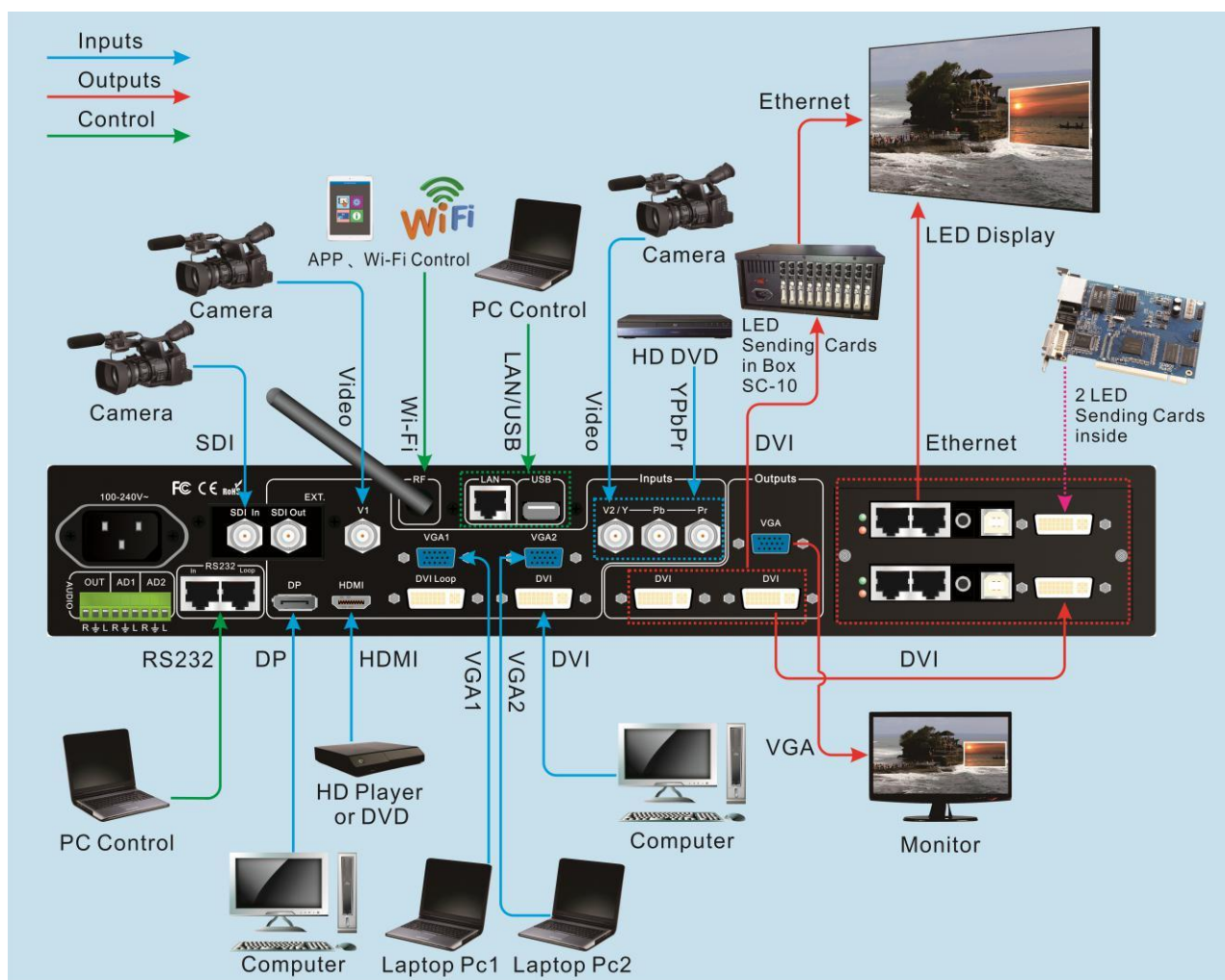
II Specification

Inputs	
Number/type	2xVideo 1xYPbPr 2xVGA (VESA) 1xDP (VESA) 1xDVI (VESA) 1xHDMI (VESA/CEA-861) 1xSDI In +SDI loop 1xAudio (AD1,AD2)
Video system	PAL/NTSC
Composite video amplitude/Impedance	1V (p_p) / 75Ω
YPbPr format	SD/HD (CEA -861)
YPbPr Amplitude/Impedance	Y= 1.0V (p_p) / 75Ω Pb= 0.35V (p_p) / 75Ω Pr= 0.35V (p_p) / 75Ω
VGA format	PC (VESA) ≤2048x1152_60Hz
VGA Amplitude/Impedance	R、G、B = 0.7 V (p_p) / 75Ω
DP format	DisplayPort1.1 (VESA)
DVI format	PC (VESA) ≤2304x1152_60Hz
	Custom output format width≤3840 height≤1920
HDMI format (HDCP1.3)	PC (VESA) ≤2304x1152_60Hz
	HDMI1.3 (CEA -861) ≤1920x1080p_60Hz
SDI format	SMPTE259M-C 480i_60Hz SMPTE 292M 576i_50Hz SMPTE 274M/296M 720p、1080i、1080p SMPTE 424M/425M
Audio	2.0Vp-p/10KΩ
Outputs	
Number /Type	1xVGA (RGBHV) 2xDVI 1xRJ45
VGA/DVI resolution	1024x768_60Hz/75Hz 1080x1920_60 Hz 1200x1600_60 Hz 1366x768_60Hz 1440x900_60Hz 1536x1536_60 Hz 1600x1200_60Hz 1920x1080p_50Hz/60Hz 1920x1200_60 Hz 2048x1152_60Hz 2304x1152_60Hz 2560x816_60Hz Custom output format (maximum output horizontal 3840 pixels or vertical 1920 pixels.)

Overview of LVP615S LED HD Video Processor

VGA Amplitude/Impedance	R、G、B = 0.7 V (p_p) / 75Ω
Output ports	VGA OUT: 15pin D_Sub(female) DVI OUT1: 24+1 DVI_D DVI OUT2: 24+1 DVI_D
Others	
Control methods	RS232/USB/LAN/WIFI/Infrared
Input voltage	100-240VAC 50/60Hz
Installation rack	1U
Maximum consumption power	≤25W
Environment temperature	0-45 °C
Environment humidity	15-85%
Size (package)	130mm (H) x350mm (W) x520mm (L)
Weight	G.W.: 5.7 Kg, N.W.: 4.0 Kg

III Connection Diagram



IV Product Dimension

