

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 RTC clock record function.
- ◆ Supports Chinese, English, Spanish, Russian and Korean language.
- ◆ A variety of control methods: wireless WIFI、front panel button、infrared remote control、PC software, Flexible operation.
- ◆ 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	2×Video 1×YPbPr 2×VGA（VESA） 1×DP（VESA） 1×DVI（VESA） 1×HDMI（VESA/CEA-861） 1×SDI In +SDI loop	
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 SMPTE 292M SMPTE 274M/296M SMPTE 424M/425M	480i_60Hz 576i_50Hz 720p、1080i、1080p
Audio	2.0Vp-p/10KΩ	
Outputs		
Number /Type	1×VGA（RGBHV） 2×DVI	
VGA/DVI resolution	1024×768_60Hz/75Hz 1080×1920_60 Hz 1200×1600_60 Hz 1366×768_60Hz 1440×900_60Hz 1536×1536_60 Hz 1600×1200_60Hz 1920×1080p_50Hz/60Hz 1920×1200_60 Hz 2048×1152_60Hz 2304×1152_60Hz 2560×816_60Hz Custom output format（maximum output horizontal 3840 pixels or vertical 1920 pixels.）	
VGA Amplitude/Impedance	R、G、B = 0.7 V（p_p） / 75Ω	

Overview of LVP615S LED HD Video Processor

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
Maximum power consumption	≤25W
Environment temperature	0-45 °C
Environment humidity	15-85%
Size (package)	130mm (H) ×350mm (W) ×520mm (L)
Weight	G.W.: 5.7 Kg, N.W.: 4.0 Kg

III Connection Diagram



