

## EVP3840S LED HD Video Processor



## I Features

1. New generation Faroudja® Real Color® professional LED video processor, 10+ Bit Faroudja® DCDI Cinema Processing Faroudja® TureLife™ video enhancer.
2. Seamless Switching, Fade in Fade out Switching, Blend Switching.
3. Two signal switching ways: one key switch and Pre. +Take switch.
4. 3 sets of custom dual picture display mode, one key switch between modes. Any PIP/PBP display.
5. Adjust each YUV format signal channel color.
6. Input signal hot spare function to ensure output more stable.
7. AIAO (Any In Any Out) function, any interception and any output.
8. Custom input DVI EDID to realize perfect pixel to pixel display.
9. Custom output format. Single unit maximum output horizontal 3840 pixels or vertical 1920 pixels.
10. 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.
11. Supports RTC clock record function.
12. Supports Chinese, English, Spanish, Russian and Korean language.
13. A variety of control methods: wireless WIFI, front panel button, infrared remote control, PC software, Flexible operation.
14. 2 channels configurable external audio inputs. Plus HDMI, DP and SDI total 5 channels audio sync switch.
15. Built in 2 LED sending cards (compatible 4\*RJ45 ports sending cards. Cards are optional.)
16. 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 480i_60Hz
	SMPTE 292M 576i_50Hz
	SMPTE 274M/296M 720p,1080i,1080p
	SMPTE 424M/425M
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



## IV Product Dimension

