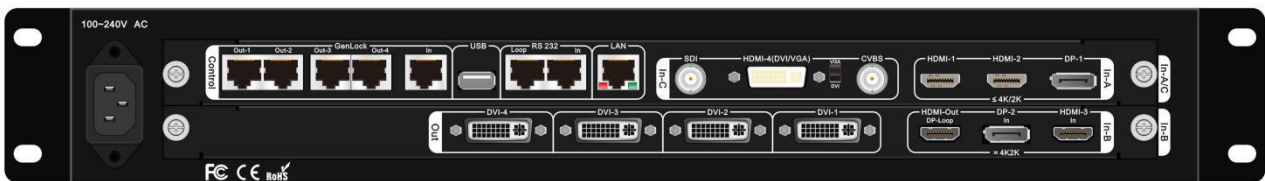


A65 4K_60Hz Mosaic Processor

Version	Date	Description	Revise
V1.0	2020.03.20	First release	



I Feature

- Faroudja® Real Color® image processing, 10+ Bit Faroudja® DCDI de-interlacing processing, Faroudja® TureLife™ image quality enhancement;
- 5 true 4K2K_60Hz input ports, among which 3 HDMI2.0 (HDCP2.2) 、 2 DP1.2; 3 2K combined digital+ analogue input ports, including one HDMI1.3(compatible with DVI、VGA) 、 one 3G-SDI、 one CVBS;
- Seamless and Fade in/out signal transition;
- Genuine 10-Bit image processing, color more vivid and natural, gray level transition more smooth;
- 4 DVI output ports, driving capability up to 9.2 million pixels. Synchronized splicing of 3840X2160 LED screen; each DVI output offers user defined resolution, maximum width or height 2160, 4 DVI outputs jointly realize 8640 pixels driving in width or height;
- Any size&position setup of output image and input image cropping, greatly facilitate irregular screen splicing;
- Provides saturation、 gray level、 brightness adjustment in individual RGB channel with 256 level;
- Adaptive calculation aided splicing, user just configure size&position of each unit screen, A65 will automatically calculate and apply mosaic parameter, flexible and intuitive;
- Synchronized monitoring available, connect one DVI output to 1080P LCD to monitor 4K input signal;
- Genlock multiple device cascading, extend pixel to pixel display to 8K4K@60Hz or 16K2K@60Hz via 4 A65 cascading;

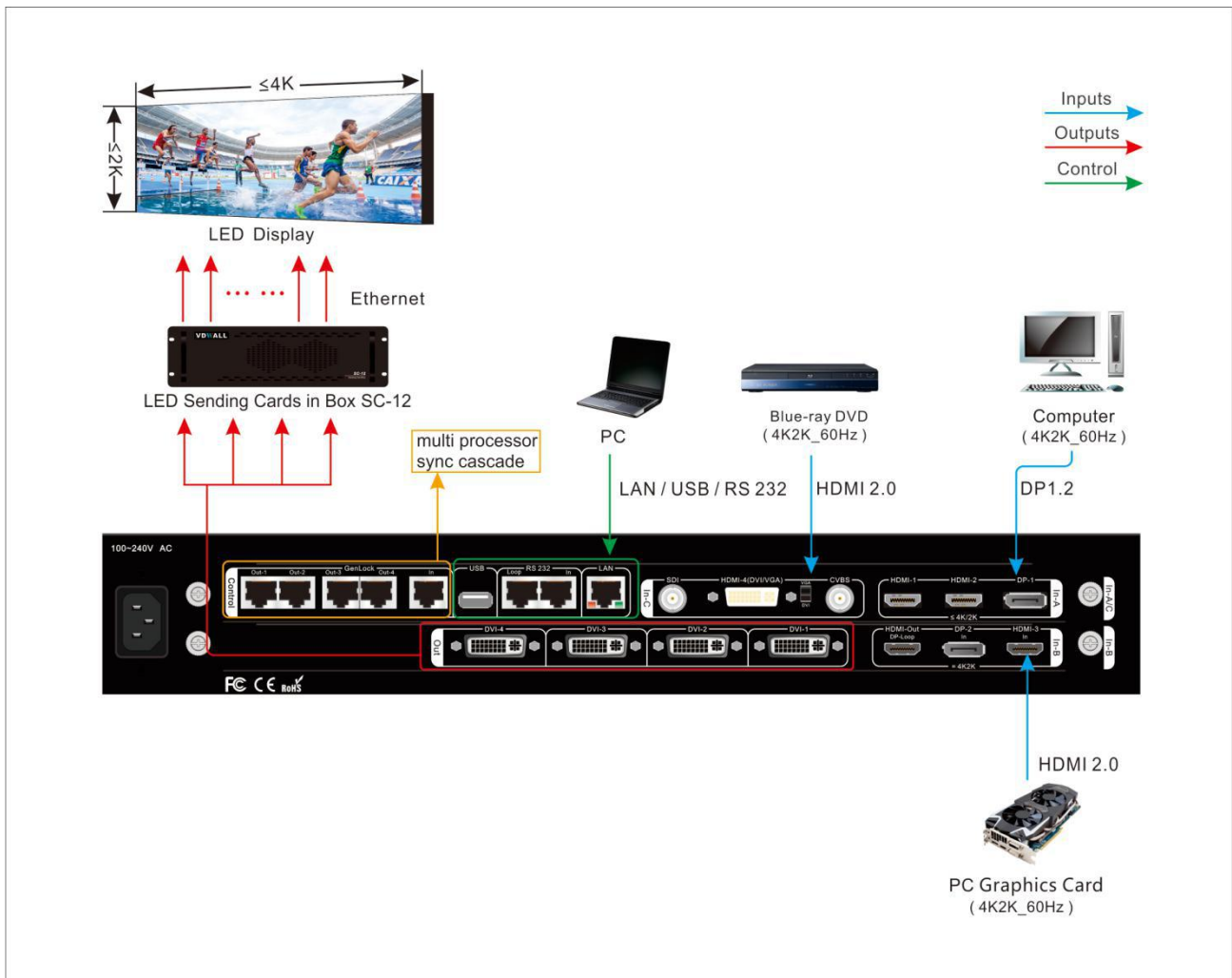
- 13 preset display modes, support mode duplication and backup;
- Flexible and convenient front panel control or RS232/USB/LAN control;
- Widely applied in narrow pitch screen projects, such as exhibition、 station advertisement、 stage performance、 restaurant hall、 lecture room、 school auditorium、 church、 market promotion etc;

II Specification

Input		
Amount / Type	3×HDMI 2.0 (VESA/CEA-861) 2×DP1.2 (VESA) 1×CVBS 1×DVI (VESA/CEA-861) compatible with HDMI1.3a/VGA 1×SDI (SDI/HD-SDI/3G-SDI)	
CVBS Format	PAL/NTSC	
CVBS Impedance	1V (p_p) / 75Ω	
VGA Format	PC (VESA)	≤1920×1200_60Hz
VGA Impedance	R、G、B = 0.7 V (p_p) / 75Ω	
DVI Format	PC (VESA)	≤1920×1200_60Hz
HDMIP Format (HDCP2.2)	PC (VESA)	≤4096×2160_60Hz
	HDMI2.0 (CEA-861)	
DP Format (HDCP2.2)	DisplayPort1.2 (VESA)	≤4096×2160_60Hz
SDI Format	SMPTE259M-C SMPTE 292M SMPTE 274M/296M SMPTE 424M/425M	480i_60Hz 576i_50Hz 720p、1080i、1080p
Input Port	CVBS: BNC/ 75Ω DVI: 24+1 DVI_D HDMI: HDMI (Type A) DP: DP port SDI: BNC/ 75Ω	
Output		
Type/Amount	4×DVI	
DVI Format	2160X1160_50Hz、2048X1200_50Hz、1920X1200_50Hz、 1920X1080_50Hz、1680X1440_50Hz、1440X1680_50Hz、 1200X1960_50Hz、1200x1600_60Hz、1440x1440_60Hz、 1600x1344_60Hz、1920×1080_60Hz、2160x960_60Hz、 User defined resolution (Maximum 2160 pixels in width or height)	
Output Port	DVI: 24+1 DVI_D	
Others		
Control Ports	RS232/USB/LAN	

AC Power	100-240V/AC 50/60Hz
Power Consumption	35W
Ambient Temperature	0-45 °C
Ambient Humidity	15-85%
Dimension	482.6(L) x 380(W) x 66.6(H)mm
Package Dimension	535(L) x 475(W) x 145(H)mm
Weight	G.Weight: 8.5Kg, N.Weight: 6Kg

III Connection Diagram



IV Installation Dimension

