

A6000 KEY FEATHURES



1、Inputs

- 1.1) 12 input ports, support mixed SD(Standard Definition)、HD(High Definition)、UHD(Ultra High-Definition) input
- 1.2) 6 UHD Inputs@ 4K2K_60Hz, maximum resolution up to 4096×2160@60Hz, including
HDMI2.0 × 4
DP1.2 × 2
- 1.3) Seamless switching between different inputs, no black, splash, jitters

2、Multi-window Processing

- 2.1) 4k random Multi-image overlay display
- 2.2) 4K seamless switching and Fade-in / Fade-out switching
- 2.3) Any in any out(AIAO) 4K image crop
- 2.4) Accurate image quality adjustment
- 2.5) Image frame function, definitely identify different layer
- 2.6) 16 preset display modes, mode duplication and backup

3、Outputs

- 3.1) Maximum 8 DVI outputs, synchronized joint split, driving capability up to 8K*2K
- 3.2) Any size and position of cropped image
- 3.3) Accurate image quality adjustment realize color coherence of different screen batches
- 3.4) 16 preset display modes, conveniently save/load
- 3.5) Adaptive calculation aided splicing, auto calculate mosaic parameters according to the size and

position of screen units

3.6) User-defined output resolution, 8 Outputs reach to 17280 pixels in width or 12800 pixels in height.

High efficient outputs utility of mosaic.

4、Others

4.1) Self calibration boot up、easy and convenient configuration data export and import

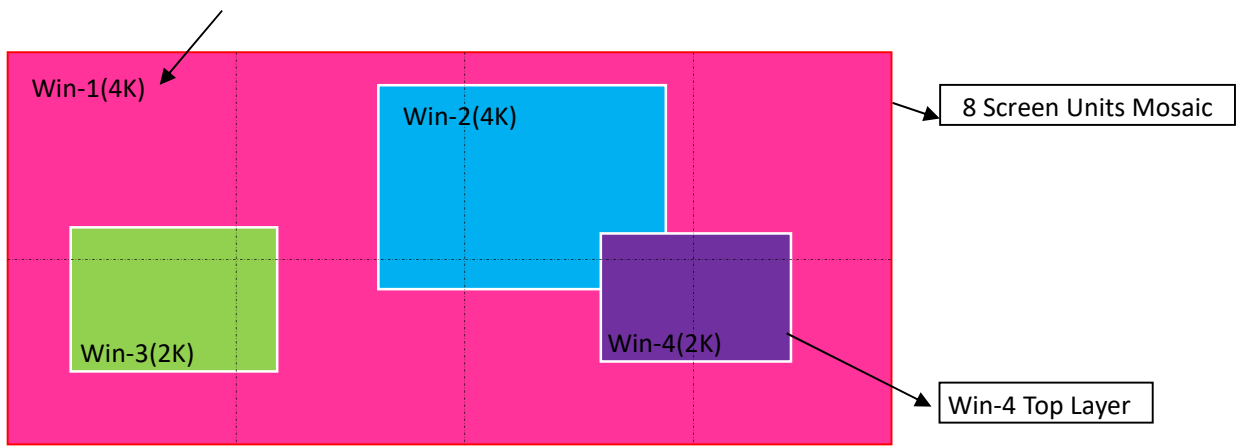
4.2) Plug-in card design,customized device configuration,convenient maintenance,

4.3) High stability and reliability, 7/24 operation

5、Specifications

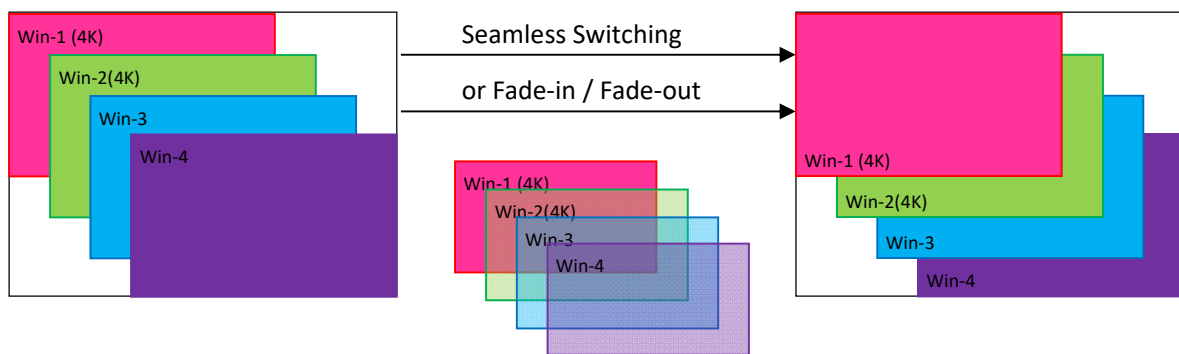
Inputs Specification		
Quantity/Type	4×HDMI 2.0 (VESA/CEA-861) 2×DP1.2 (VESA) 2×CVBS 2×DVI (VESA/CEA-861) compatible with HDMI1.3a/VGA 2×SDI (SDI/HD-SDI/3G-SDI)	
CVBS(Composite Video)	PAL/NTSC	
CVBS Amplitude Impedance	1V (p_p) / 75Ω	
VGA Format	PC (VESA)	≤1920×1200_60Hz
VGA Amplitude impedance	R、G、B = 0.7 V (p_p) / 75Ω	
DVI Format	PC (VESA)	≤1920×1200_60Hz
HDMI 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 Interface	CVBS: BNC/ 75Ω DVI: 24+1 DVI_D HDMI: Type A-HDMI format DP: DisplayPort1.2 SDI: BNC/ 75Ω	
Outputs Specification		
Quantity / Type	8×DVI	
DVI Format	1200x1600_60Hz、1440x1440_60Hz、 1600x1344_60Hz、1920×1080_60Hz、2160x960_60Hz	
Output Interface	DVI: 24+1 DVI_D	
Others		
Control Ports	RS232/USB/LAN	
AC Input Voltage	100-240VAC 50/60Hz	
Max Power Consumption	75W	
Ambient Temperature	0-45℃	
Ambient Humidity	15-85%	
Product Dimension	482x465.5x89mm	
Package Dimension	500x510x160mm	
Net Weight	7.6KG	
Gross Weight		
Packing list		

2.1) 4k Multi-image overlay display



- ◆ 8 LED screens joint split, can open 4 windows simultaneously, user define size, location of each window: Win-1 , Win-2 , Win-3 , Win-4. Windows arbitrary roaming on 8 screens .
- ◆ Win-1 , Win-2 real 4K2K@60Hz display
- ◆ Win-3 , Win-4 support 1080P dual image display with PIP&POP function
- ◆ 4 layer order random adjustment, usually background layer at bottom, PPT or live camera layer on the top

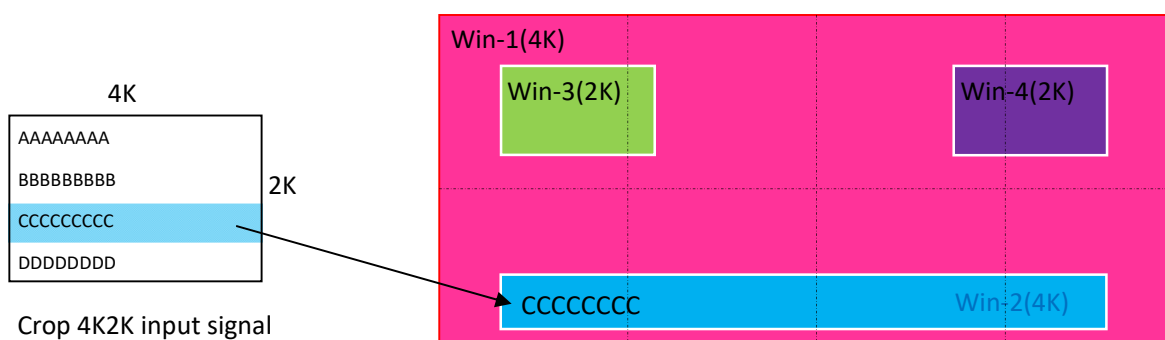
2.2) 4K Seamless switching and Fade-in / Fade-out Switching



Prototype:

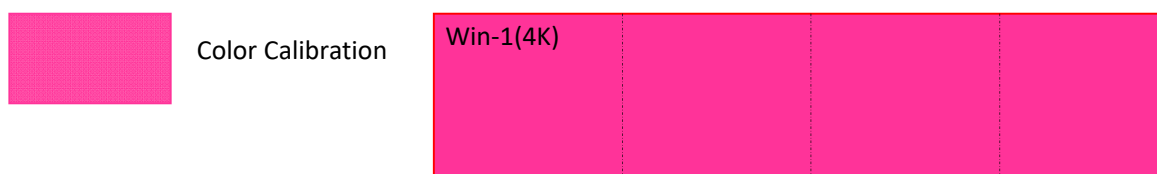


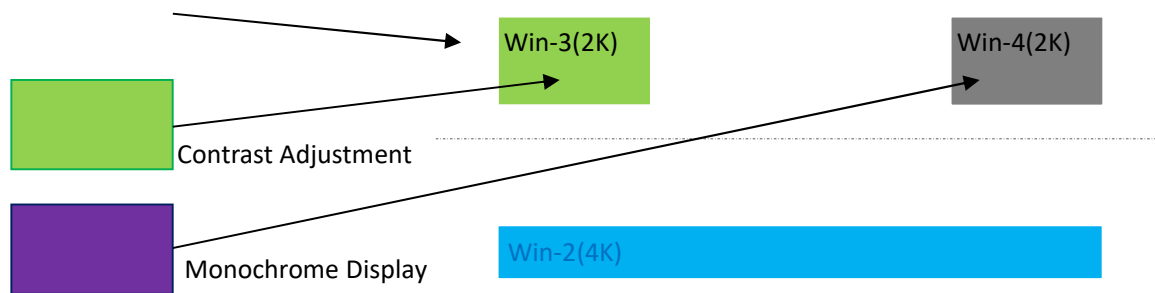
2.3) 4K image none deformation vertical cropping



- ◆ Each window can crop input signal vertically with same aspect ratio of the original input image, prevent image deformation

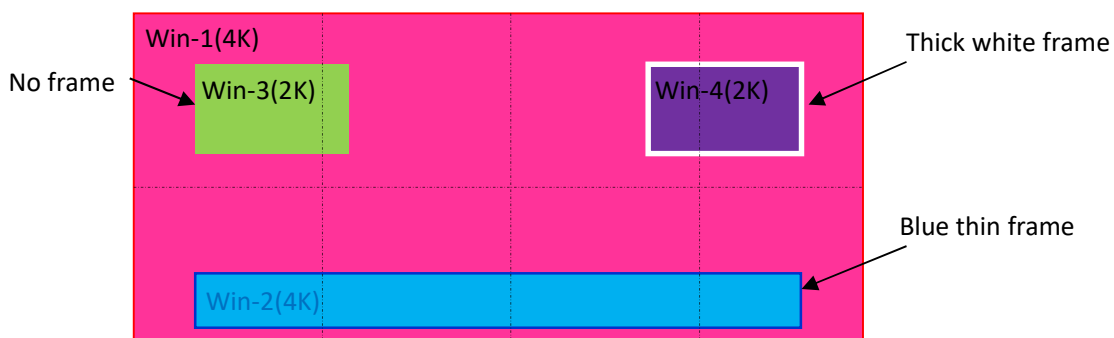
2.4) Accurately adjust image quality of Input signal





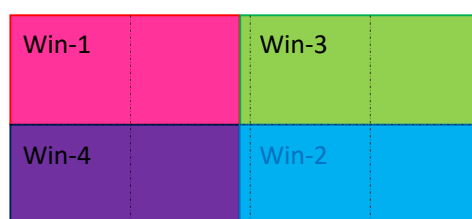
◆ Adjust brightness, contrast and saturation with 1,6000,000 grades

2.5) Image Frame, improve definition of Multi-image overlay display

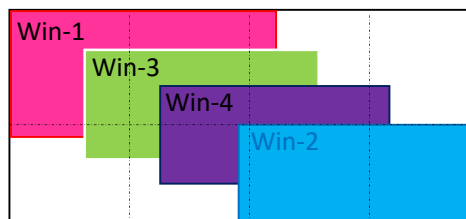


◆ Flexible frame configuration, such as on/off, thickness, color, multi-image display clearly identified

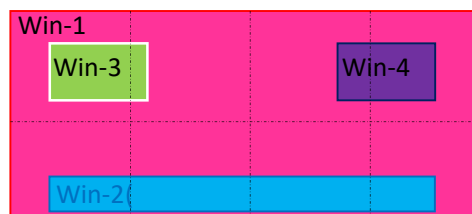
2.6) Maximum 16 preset display modes, mode duplication and backup



Mode 0—M0



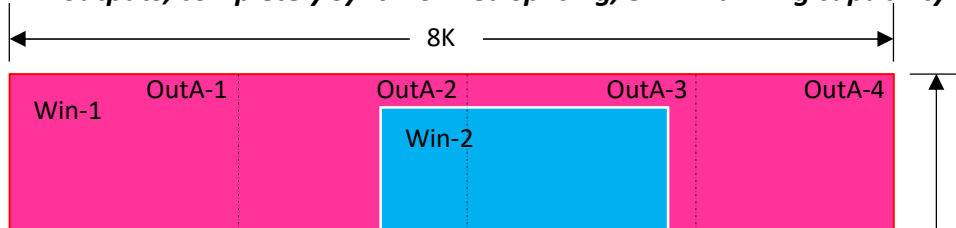
Mode 1--M1

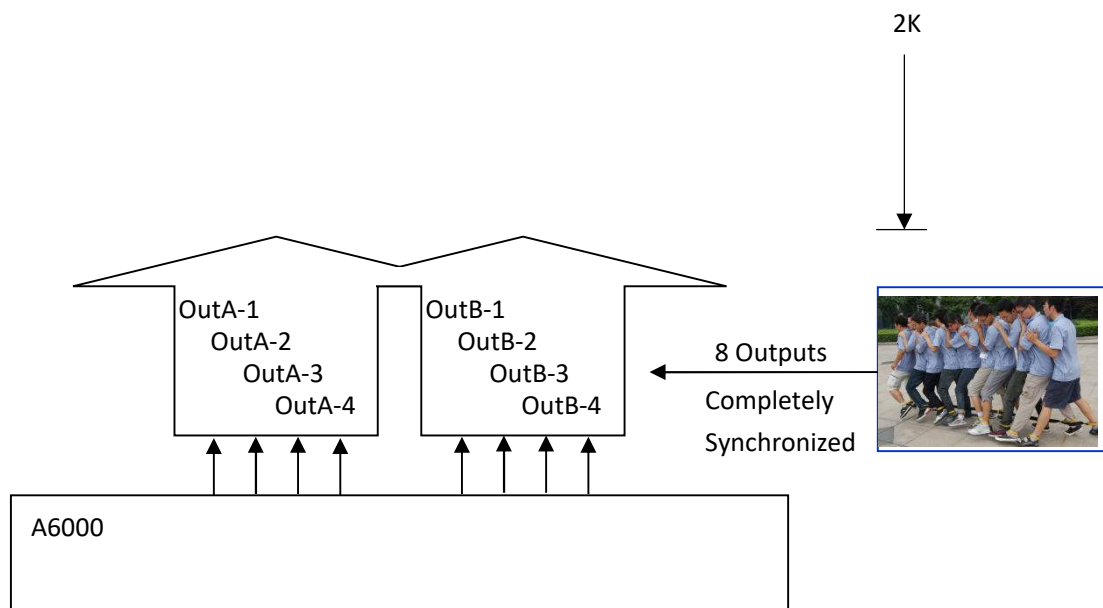


Mode 2—M2

◆ 16 preset display modes, including size / position, overlay order and signal source

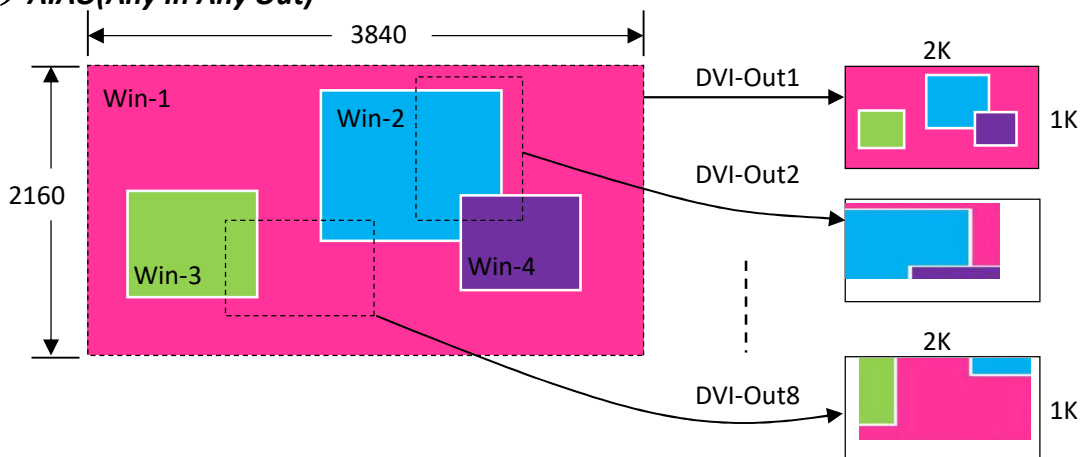
3.1) 8 DVI outputs, completely synchronized splicing, 8K*2K driving capability



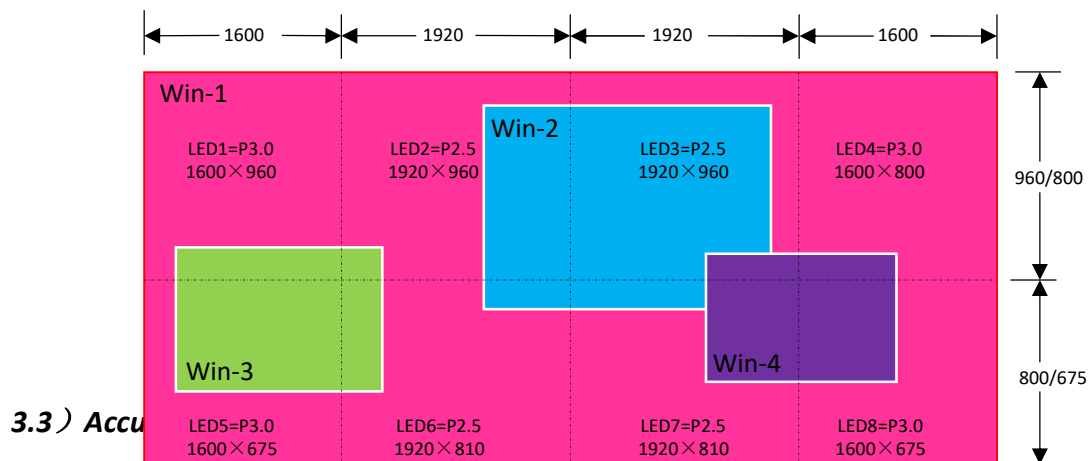


- ◆ 16 million pixels driving capability with 8 outputs. Completely synchronized splicing, smoothly high speed motion picture display without jaggies, tearing or misalignment.

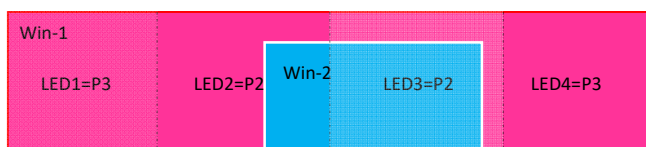
3.2) AIAO(Any In Any Out)



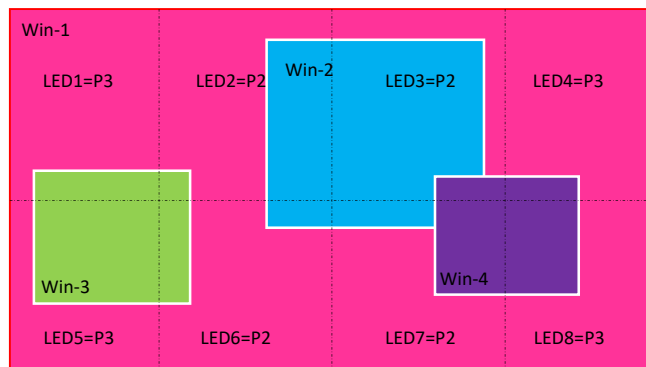
- ◆ Any input signal crop, freely adjust size and position of output image
- ◆ Joint split of different screen pitches via AIAO



3.3) Accu



- ◆ Different model or batches screen varies from brightness, color etc; nonuniform mosaic



- ◆ After proper output image quality adjustment, such as brightness compensation and saturation modification, the screen units can mosaic coherently with lowest distinction