



TW-4K4

Video Wall Controller



01

APPEARANCE

Model: TW-4K4



02

OVERVIEW

- TW-4K4 video Controller is a professional video wall processor to distribute video signal to multiple TV monitors for splicing display. It supports HDMI 1.4, HDMI 2.0 and DP 1.2 inputs, max input resolution reach 3840*2160@60Hz, you can select one input source display or multiple input sources display at the same time. With 4 HDMI outputs, each output resolution support 1920*1080P*60Hz, it can connect with max 4 TVs to realize 2×2, 1×2, 1×3, 1×4, 2×1, 3×1, 4×1 splicing display.

1.Ultra HD 4K Display

Maximum support 3840*2160@60Hz source input to realize real 4K UHD Display

2. Multiple Splicing Mode

With 4 HDMI outputs, it supports 2×2, 1×2, 1×3, 1×4, 2×1, 3×1, 4×1 splice modes for max 4 TVs splicing display. It also supports multiple devices cascade connection to realize max 4×5 splice mode for max 20 TVs splicing display.

2x2



3x1



2x1



1x2



4x1



1x3



1x4



Rotate 90 Degrees for Portrait Screens

3. Cascade Connection

Support multiple devices cascade connection, max for 4×5 20TVs splicing display.

4. Multiple Display Mode

With HDMI 1.4, HDMI 2.0 and DP 1.2 sources input, it can support 1 picture display, 2 pictures left and right display, 2 pictures top and bottom display, picture in picture display, 4 pictures display.

5. Preset and One Key Call

Support setup and save up to 9 presets display, can one key to quickly call the preset to switch display by remote controller

Five Display Modes

One Key Switching

1P



4P



PIP



2P LR



2P TB

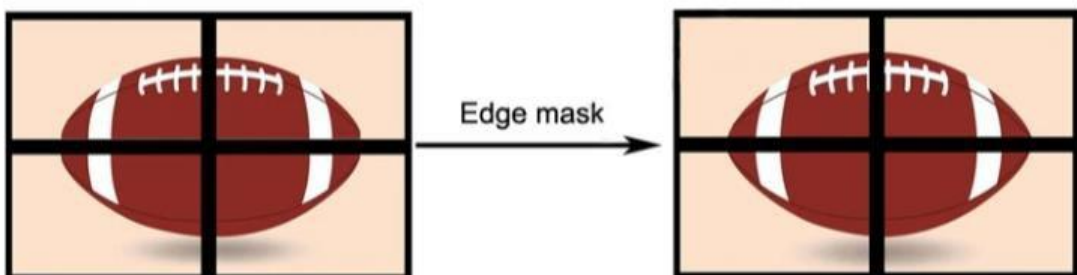
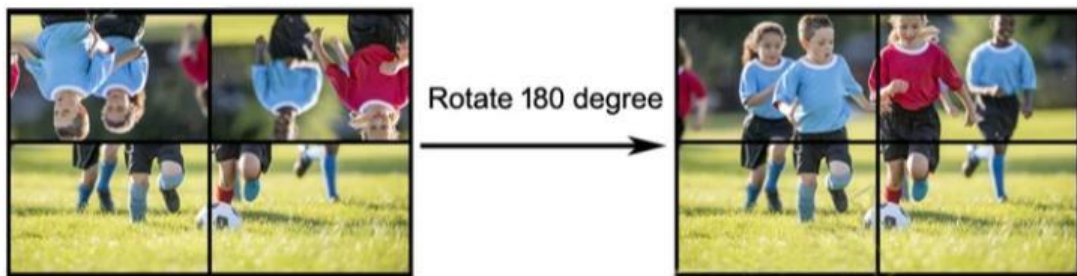
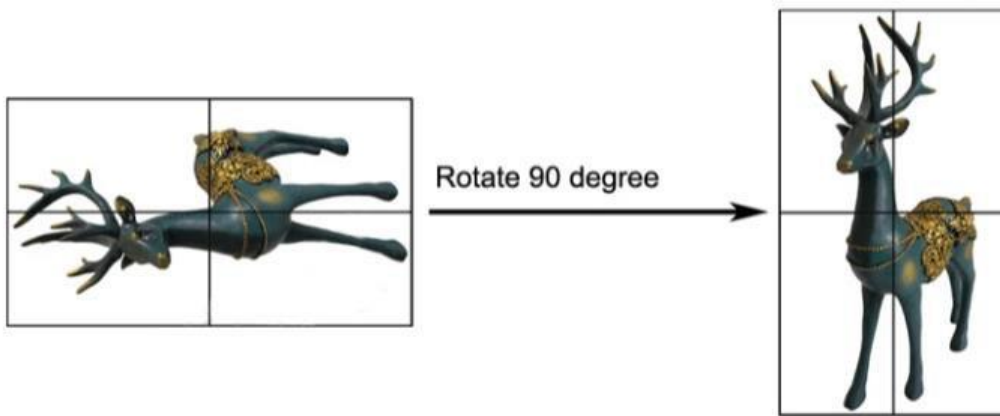


6. Rotating 90/270 Display

Support rotate image 90 or 270 degree for vertical screens portrait mode display

7. Rotate 180 degrees and Edge Mask

Each output can rotate 180 degrees for reducing splicing gap. Support mask the edge image, it can make the display image more natural.



03

FEATURES

8. Configure Image Parameters and Crop Image

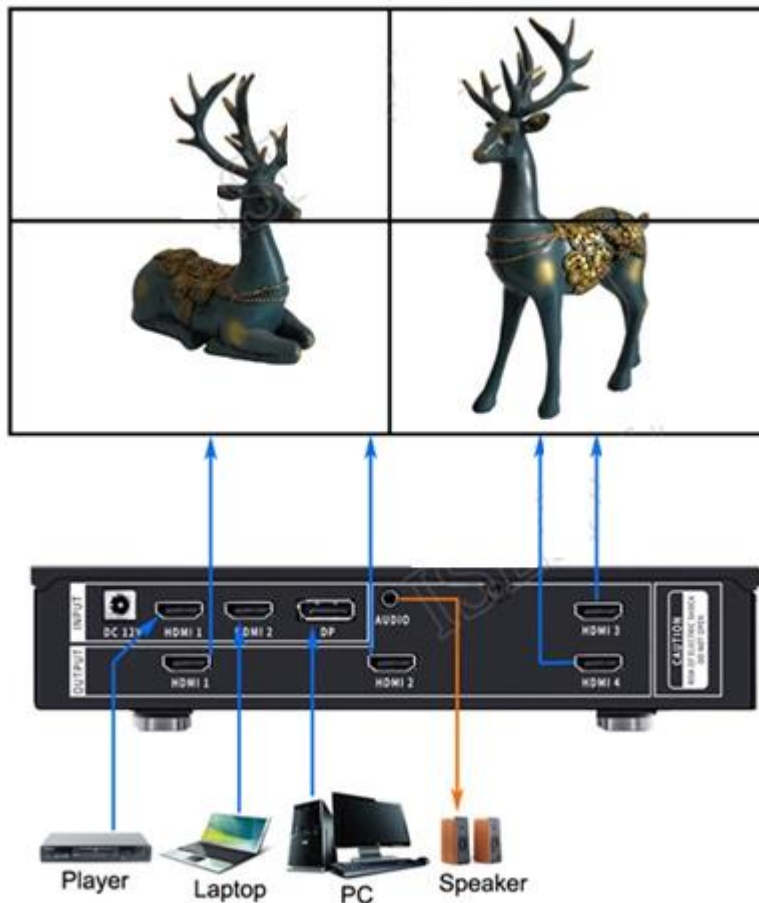
Support configure brightness, contrast, saturation, sharpness and RGB image parameters, can crop the image to display the content as you want

9. Intelligent Temperature Control

Auto control fan running when temperature is higher than 40°C,
More energy efficient

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SYSTEM CONNECTIONS



INPUTS	HDMI 1	HDMI 1.4, built-in audio, 640*480 to 3840*2160@30Hz resolution
	HDMI 2	HDMI 2.0, built-in audio, 640*480 to 3840*2160@60Hz resolution
	DP	DP 1.2, built-in audio, 640*480 to 3840*2160@60Hz resolution
OUTPUTS	Video Outputs	4 channels HDMI outputs, each channel supports 1920*1080, 1280*1024,1280*800,1280*720,1024*768,1366× 768 optional.
	Audio Output	4xHDMI outputs, 1×3.5mm audio output port, left and right channel stereo, sync with video
DISPLAY	Splice Mode	2×2, 1×2, 2×1, 1×3, 3×1, 1×4 max 4×5 (cascade connection)
	Display Mode	1P, 2P LR, 2P TB, PIP, 4P
	Rotating Mode	Rotate 90, 180, 270 degree
	Other Functions	Crop image, edge mask, mirror, over scan, power save
OTHERS	Control	Remote Controller, buttons
	Power Supply	DC 12V-3A
	Power Consumption	24W
	Size	210mm*160mm*45mm
	Weight	1,2kg

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