

# 4K 5 x 9 HDMI Video Wall Processor

TRI-AVS-5X9MW4K-6950

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

## Introduction :

The 5x9 video wall controller support 5 way HDMI input,9 way HDMI output,the main function is to divide a complete HDMI HD image signal into 9 pieces and then be assigned to 9 video display unit((such as Rear projection unit, LCD TV, etc).Complete with 9 HDMI high-definition video display units to form a large dynamic image screen. At the same time, the 5-way HDMI HD signal can be displayed on the screen, and has a variety of video segmentation effects. It is mainly used in ultra-high definition video surveillance, large screen wall, store advertising screen, exhibition screen and other industry applications.

## Features:

- Supports 5 HDMI inputs (1 way 4k, 4 way 1080P), 9 HDMI outputs (1080p@60hz),
- 1 HDMI loop out (picture is consistent with the splicing picture), one 3.5mm headphones stereo output.
- Various splicing modes: horizontal / vertical.
- Support a variety of segmentation modes (PIP, POP, PBP, Single picture, dual pictures, four pictures segmentation). Each split screen can be moved and zoomed in and out independently (Put mouse on top left, drag by the left key to zoom in/out the picture).
- Click the lower right corner of the screen to switch the sound.
- Support touch screen function;
- Support WIFI and Bluetooth.
- No stretching, no deformation, no need to compress the input source, the picture is clear.
- Support for remote control, button, RS232 control.
- Support mode: 1x2/2x2/2x3/2x4/3x2/3x3/4x2 and other common splicing modes



**Specifications:**

HDMI input resolution: the highest support 3840x2160/60Hz

HDMI output resolution: the highest support 1920x1080/60Hz

Support audio format: stereo

Input cable length: ≤8m AWG26 HDMI standard cable

Output cable length: ≤10M, AWG26 HDMI standard cable

Max working current: 4 A

Power adapter specifications: input AC (50HZ, 60HZ) 100V-240V Output 12V DC/5A

Operating Temperature range: (-10°C ~ +45°C)

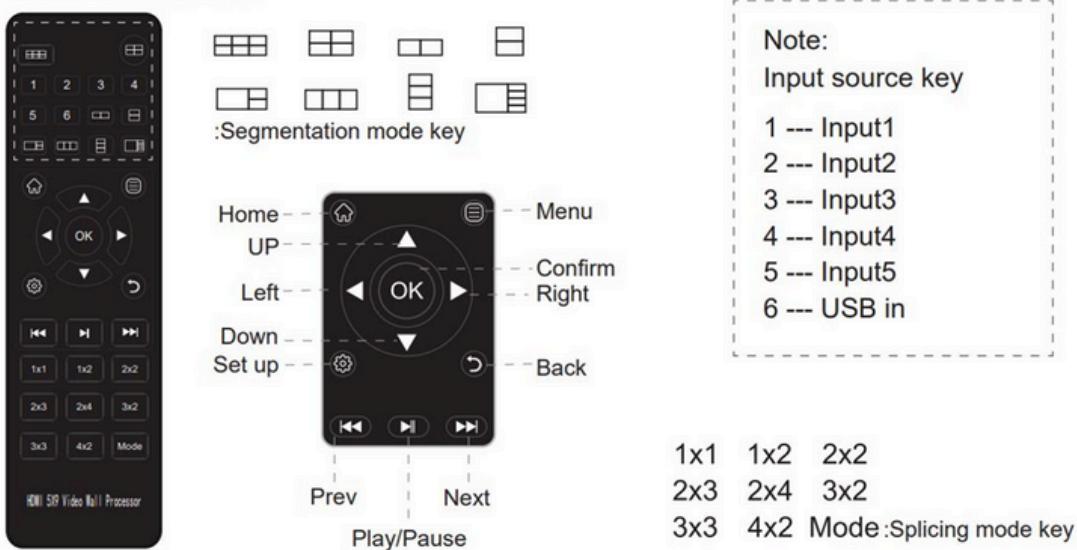
Dimension (L x W x H): 305x184x37(mm)

Weight: 1907g

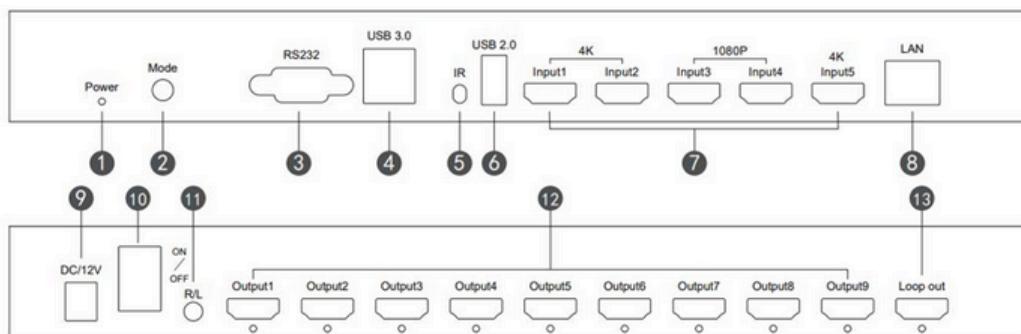
**Specifications**

Parameter	Value
HDMI input resolution	the highest support 3840x2160/60Hz
HDMI output resolution	the highest support 1920x1080/60Hz
Support audio format	stereo
Input cable length	≤8m AWG26 HDMI standard cable
Output cable length	≤10M, AWG26 HDMI standard cable
Max working current	4 A
Power adapter specifications	input AC (50HZ, 60HZ) 100V-240V Output 12V DC/5A
Operating Temperature range	(-10°C ~ +45°C)
Dimension (L x W x H)	305x184x37(mm)
Weight	1907g

## Remote control:



## Product interface:



- 1: Power -- power light.
- 2: Mode -- Splicing mode switch key.
- 3: RS232 -- RS232 control equipment, delivering RS232 instructions to control devices.
- 4: USB 3.0 -- USB 3.0 port, can be connected with U-disk(FAT32), Mouse and Keyboard, Support touch screen function.
- 5: IR -- Infrared receiving port, receiving remote control signal.
- 6: USB 2.0 -- USB 2.0 port, can be connected with U-disk(FAT32), Mouse and Keyboard, Support touch screen function.
- 7: Input1-5 -- 5 HDMI input interfaces.  
(Input5:4K@60Hz/Input4:1080P@24Hz/Input3:1080P@60Hz/Input2-1:4K@30Hz).
- 8: LAN -- Ethernet interface for connecting to the network(Gigabit optical fiber).
- 9: DC/12V -- 12V power supply.
- 10: ON/OFF -- Power on/off.
- 11: R/L -- Audio output interface for audio output equipment: headphone and amplifier etc.
- 12: Output1-9 -- 9 HDMI output interfaces.
- 13: Loop out -- HDMI loop out(4K@30Hz).

For the most current specification information, please visit [tri-star.co.in](http://tri-star.co.in)

## Segmentation mode:

Keyboard: \*+0: quad mode  
 Remote Control:  Key



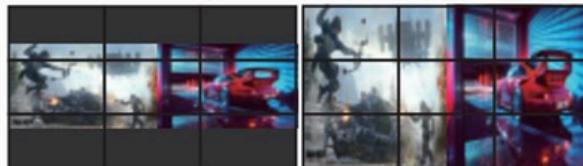
Keyboard: \*+F5: Three pictures (1 large, 2 small )  
 Remote Control:  Key



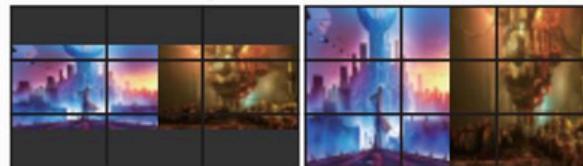
Keyboard: \*+F8: Five pictures (1 large, 4 small)  
 Remote Control:  Key



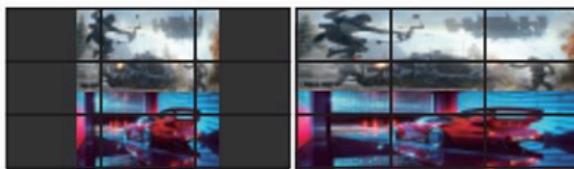
Keyboard: \*+6 Double pictures-left and right (5~4) .  
 There are two modes: normal/stretch  
 Remote Control:  Key



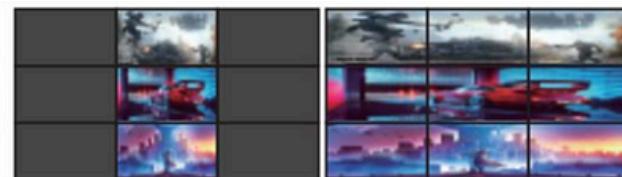
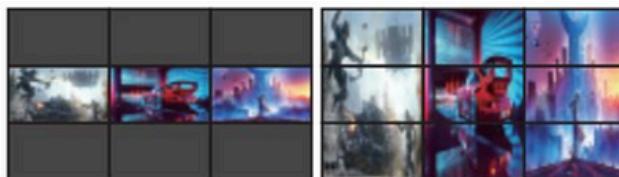
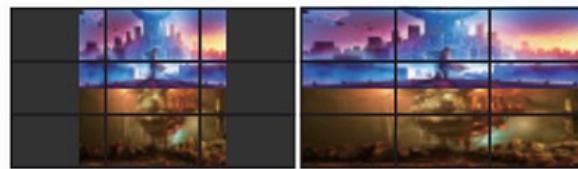
Keyboard: \*+7: Double pictures-left and right (3~2) .  
 There are two modes: normal/stretch  
 Remote Control:  Key



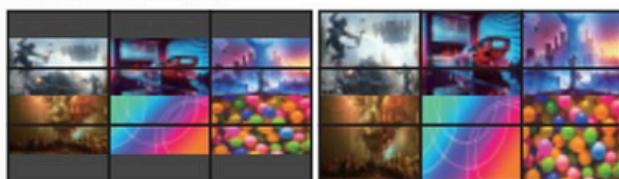
Keyboard: \*+8: Double picture-up and down (5~4) .  
 There are two modes: normal/stretch  
 Remote Control:  Key



Keyboard: \*+9: Double picture-up and down (3~2) .  
 There are two modes: normal/stretch  
 Remote Control:  Key



Keyboard: \*+F9: Six pictures. There are two modes: normal/stretch  
 Remote Control:  Key



Keyboard: (Single picture)

- \*+1 --- Input1
- \*+2 --- Input2
- \*+3 --- Input3
- \*+4 --- Input4
- \*+5 --- Input5

Note: The top left corner of each screen will show the basic information of the current screen.