

**HDMI**<sup>®</sup>

HIGH-DEFINITION MULTIMEDIA INTERFACE

# USER MANUAL

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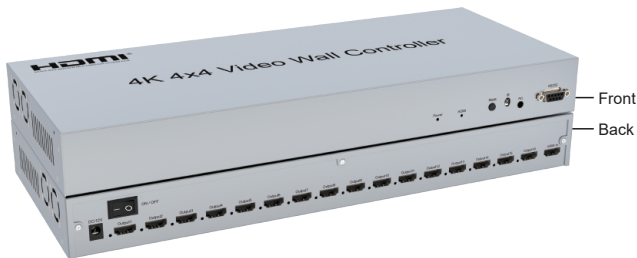
4K 4x4 Video Wall Controller

Enjoy the vivid world

## Introduction

This 4X4 Video Wall Controller, support HDMI input . The video is pushed to multiple monitors to complete the video Mosaic.It is widely used in teaching, restaurants,station and other places.

As a video wall controller, the main function is divided a single complete HDMI HD image signal to 16 parts and distribute to 16 display units (Rear projection screens, LCD TV.etc.), which composed to be a dynamic image wall. The operation is plug and play.



## Features






- \* Support HDMI video source input;
- \* Support 16-ways HDMI output;
- \* Support multiple splicing modes, easy to handle, plug and play ;
- \* Support IR control.

## Specifications

HDMI input resolution .....	the highest support 3840x2160/30Hz
HDMI output resolution .....	support 1920x1080/60Hz (one port)
Input cable length .....	≤8m AWG26 HDMI standard cable
Output cable length .....	≤10M,AWG26 HDMI standard cable

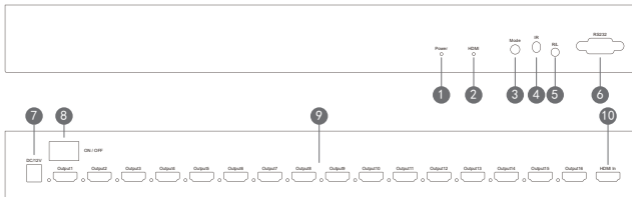
Max working current .....	0.9A
Power adapter specifications .....	input AC (50Hz, 60Hz) 100V-240V Output 12V DC/2A
Operating temperature range .....	(-10℃ ~ +45℃)
Dimension (L x W x H) .....	411x180x45(mm)
Weight .....	1.97kg

## remote control:

-  : Mirror
  -  : Reset
  -  : Bezel compensation
  -  : Bezel compensation
  -  : Mode forward/backward.
- Others are splicing mode buttons.



## Physical interface diagram:

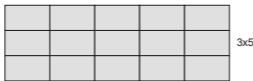
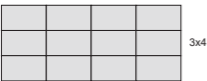
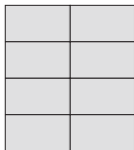
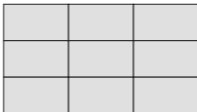
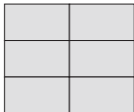
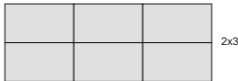
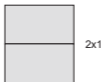


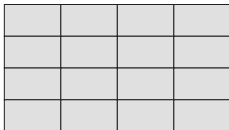
- 1: Power --- Power indicator.
- 2: HDMI --- Input indicator.
- 3: Mode --- Switch general splicing mode button.
- 4: IR --- Infrared receiving window, for receiving order of remote control.
- 5: R/L --- 3.5mm headphone Jack, analog audio stereo output.
- 6: RS232 --- RS232 port, For general splicing setup.

- 7: DC/12V --- DC 12V power port, for connect with 12V/2A power adaptor.
- 8: ON/OFF --- Power switch.
- 9: Output1-Output16 --- Video wall controller HDMI signal output port, steady blue light indicates that the video wall controller and the displays are successfully connected.
- 10: HDMI In --- HDMI video signal source input.

## Splicing mode reference:

1x1/1x2/2x1/1x3/3x1/2x2/1x4/4x1/1x5/5x1/1x6/6x1/2x3/3x2/2x4/4x2/2x5/5x2/2x6/6x2/2x7/7x2/2x8/  
8x2/3x3/3x4/4x3/3x5/5x3/4x4



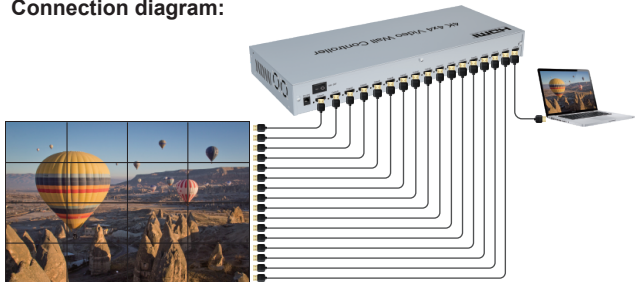


4x4



5x1

## Connection diagram:



## Application scene :



Outdoor video wall



Shopping mall video wall



Monitor room

## Package include :

1: 4K 4x4 Video Wall Controller

1PC

3: 12V DC power adaptor

1PC

2: Remote control

1PC

4: User manual

1PC