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4K HDMI® VIDEO WALL CONTROLLER 2 x2

USER MANUAL

Product introduction

1 in 4 out 4K HDMI® video wall controller support 4 TVs/ display splicing display, support 1 channel 4K@60Hz HDMI® HD signal input , realize point to point display, display screen do not stretch or not deformed, the output screen support 180° mirror flip. Users can choose to use the panel buttons or remote control key switching, mode switching support power-off memory, without repeated debugging, easy to operate, display details full, fine and clear picture quality. Video wall controller supports edge fusion technology, solves the traditional splicing display program in the splicing image deformation, distortion and other problems affecting the perception, so that the spliced image is complete, three-dimensional. Adapt full hardware architecture plug and play, avoiding the complicated driver installation and other unstable factors affecting the splicing effect. Support one key to easily change 1x1, 1x2, 2x1, 1x3, 3x1, 2x2, 1x4, 4x1 a total of 8 splicing modes, is the venue meetings, airport stations, security monitoring, catering and entertainment, such as splicing screen project quality solutions.

Product Features

- Supports 4 or less TVs and monitors splicing display
- Output screen support 180°mirror flip, double the fun!
- Support the use of panel buttons and remote control to switch the splicing mode with one button
- Support power-off memory after setting up the mode, no need to debug repeatedly.
- Supports point-to-point display, the display screen is not stretched or distorted.
- Supports 4k and the following HD HDMI signal input, single screen 1080p signal output
- Compatible with domestic systems, Windows, Linux, Mac and other systems
- Supports 1x1, 1x2, 2x1, 1x3, 3x1, 2x2, 1x4, 4x1 a total of 8 splicing modes can be changed at will, the factory default 2x2 splicing mode

Packing List

1 in 4 out video wall controller x1

Power supply DC 12V x1

IR remote x1

Black no-slip mat x4

User's manual x1

Interface Description

Front panel interface description

Back Panel Interface Description

Connection Diagram

Splicer

Splicing mode description

Mode 1: 1x1 display

Mode 2: 1x2 splicing

Mode 3: 2x1 splicing

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Mode 4: 1x3 splicing

Mode 5: 3x1 splicing

Mode 6: 2x2 splicing

Mode 7: 1x4 splicing

Mode 8: 4x1 splicing

Tip: Support power failure memory, no need for repeated debugging, the device in the splicing mode to switch the resolution will become a single screen mode.

Remote control

On/Off switch

Mute

Mirror flip part 1-4

Select 1-4 part display to 1-4 Screens

OSD Screen Display

Horizontal Edge

Vertical Edge

Vertical Edge+

Horizontal edge +

Reset

ALL OFF OSD

Cyclic resolution switching

Tip: Unlabeled description keys are invalid keys.

Parameter specifications

Input Ports	HDMI®1
Output Ports	HDMI®4
Input Resolution	1920x1080, 5640x1080, 1920x2160, 5760x1080, 1920x3240, 5840x2160, 1540x1080, 1920x4320
Splicing Mode	1x1, 1x2, 2x1, 1x3, 3x1, 2x2, 1x4, 4x1
Output Resolution	1920x1080
Bandwidth	18G
Input Color Space	RGB444/YUV444/YUV422/YUV420
Processing Color Space	YUV422
Output Color Space	RGB444
Display Ratio	16: 9/16: 10
Display Mode	Point to point
Edge Fusion	Horizontal/Vertical adjustment
Mirror	Horizontal/Vertical mirroring
Rotation	180-degree rotation / 90-degree rotation input from computer side
HDCP Protocol	HDCP 1.4/2.2
HDMI® Version	HDMI® 2.0
CEC Functions	NO
EDID Standard	Internally installed
Compatible Systems	Domestic systems, WINDOWS full series, Linux, Mac, etc
Hot Plug	Support

Control Methods

Panel button, infrared remote control

Power Supply	12V/1A
Power Consumption	< 10W
Indicator Status	Ever Bright
Operating Temperature	0℃~55℃
Storage Temperature	20℃~60℃
Product Size	(145×W83×H52) (mm)
Housing Material	Metal

Common Troubleshooting

Presentation	Treatment
No power on (Power indicator does not light up)	1. Check whether the power adapter cable is damaged. 2. Whether the power supply has been connected to the utility power. 3. Check whether the power supply has been powered normally.
Single or multiple interfaces without signal input	1. Check whether there is signal on the input connector or whether there is good contact with the connector of the signal source end. 2. Replace a HDMI cable test. 3. Whether the input signal is beyond the input range of this product.

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单页70x105MM