



USER MANUAL

4K 2X2 Video Wall Controller (4K@60Hz)

Enjoy the vivid world

Introduction :

The 4K 2x2 video wall controller,support 1-way HDMI or DVI input and 4 HDMI output, the main function is to divide a complete HDMI/DVI HD image signal into 4 blocks and assign to 4 video display unit (such as Rear projection unit, LCD TV, etc.), complete with 4 HDMI high-definition video display units to form a large dynamic image screen.



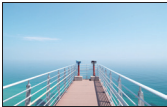
Features :

- * Support 4 HDMI outputs,and 3.5mm audio output;
- * Input resolution include 1920x1080P 25/30/50/60Hz,3840x2160P 60Hz;
- * Output resolution include 3840x2160P 60Hz or 1920x1080P 60Hz;
- * Input format: YUV4:2:2 24bit、YUV4:4:4 24bit、YUV4:2:0 24bit、RGB4:4:4 24bit;;
Output format: RGB4:4:4 24bit;
- * Support RS232 protocol (Net port RJ45);
- * Easy to operate, plug and play;
- * Support rotation of 90 degrees、 180degrees、 270degrees;

Specifications :

HDMI resolution.....	up to 3840*2160/60Hz
Support video format.....	8/10/12 bit deep color
Support audio format.....	LPCM
Max bandwidth.....	600MHz
Max baud rate.....	3x6Gbps
Input cable distance.....	4K/30Hz ≤15M AWG26 HDMI standard cable 4K/60Hz ≤5M HDMI 60Hz standard cable
Output cable distance.....	4K/30Hz ≤15M AWG26 HDMI standard cable 4K/60Hz ≤5M HDMI 60Hz standard cable
HDMI Input.....	2
HDMI Output.....	4
Max working current.....	2100mA
Power adapter format.....	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC12V/3A
Operating temperature range.....	(-15 to +45°C)
Operating humidity range.....	5 to 90%RH (No Condensation)
Dimension (L x W x H).....	256x153x33 (mm)
Weight.....	1276.3g

Multiple splicing modes :



1x1



1x2



1x4



2x2



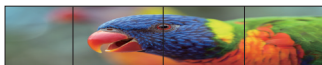
2x1



3x1



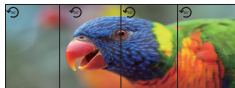
4x1



1x4 Screen isn't spinning



(Solved the image stretch)



1x4 Rotate each screen 90°



2x2 Screen isn't spinning

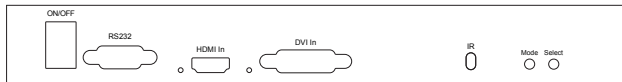


(Got Rid of the black border)



2x2 Top two screens rotate 180°

Product interface pictures :

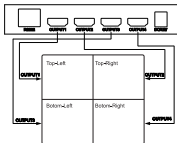




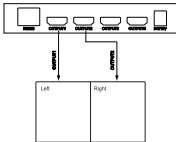
- | | |
|--------------------------------|--|
| 1: OFF/ON --- OFF/ON | 7: Select --- Input signal switch button |
| 2: RS232 --- RS232 port | 8: R/L -- 3.5mm Stereo output |
| 3: HDMI In ---HDMI input | 9: Output1-Output4 --- HDMI output1-4 |
| 4: DVI In --- DVI input | 10: Optical --- Optical digital audio output |
| 5: IR --- Infrared receiver | 11: DC/12V --- DC12V/3A Power Interface |
| 6: Mode --- Mode switch button | |

Connection diagram:

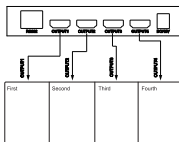




Top-Left---OUTPUT1; Top-Right---OUTPUT2
Bottom-Left---OUTPUT3; Bottom-Right---OUTPUT4



Left---OUTPUT1/OUTPUT3
Right---OUTPUT2/OUTPUT4



First---OUTPUT1; Second---OUTPUT2
Third---OUTPUT3; Fourth---OUTPUT4

The instruction of remote control button:



- 1x1** : 1x1 mode
- 2x2** : 2x2 mode
- Input switch** : switching selection
 - HDMI IN**
 - DVI IN**
- Contrast** : Contrast adjustment
 - +**
 -
- Green** : Green adjustment
 - +**
 -
- Confirm, Direction key** : Confirm, Direction key
- Bezel-V** : Bezel vertical adjustment
 - +**
 -
- 2x1** : 2x1 mode
- output1 output2** : output1 output2
- output3 output4** : output3 output4
- 180° Flip** : 180° Flip
- Brightness** : Brightness adjustment
 - +**
 -
- Red** : Red adjustment
 - +**
 -
- Blue** : Blue adjustment
 - +**
 -
- 90° Flip** : 90° Flip
- Menu** : Menu
- 1x2** : 1x2 mode
- Loop** : Modes loop
- Bezel-H** : Bezel horizontal adjustment
 - +**
 -

Package include :

1. 4K 2X2 video wall controller 1PCS
2. Power adapter 1PCS
3. Remote control 1PCS
4. User manual 1PCS