LINK-MI®

LINK-MULTIMEDIA INTERFACE

LM-TV03-4K2K

4K video wall controller

User Manual

Catalog

1. Installation Instructions ……2

2. Product Brief …… 3

3. Controller Installed…… 4

4. Remote Control Settings ……7

5. Pressing Setting…… 8

1thInstallation Instructions

For the safety of you and your equipment, please be sure to read the safety instructions carefully before using this device.

If you use in the event of doubt, please read this manual first. Detailed description of the equipment operating in the body. If you still have questions, please contact us, we will give you a satisfactory answer as soon as possible.

This specification is subject to version changes, without prior notice, please understand.

Equipment installation, please note the following:

1.Power supply:

This device uses100-240VAC input voltage,In order for the device to work properly.

2. Power:

Equipment is required when moving or other jobs that require power, to turn off all the power, pull the plug, in order to ensure the safety of you and your equipment.

3. Cable:

Not in power cable, signal lines, communication lines, such as cable, cables were crushed or squeeze should be avoided to prevent danger of leakage or short circuit.

4.Signal cable connections:

Plug from the device, pull the signal line, the device need to power down, so as not to damage the device. Charge plug damage is not covered under warranty.

5.Openings:

Outer surface of the device may be cooling holes, do not plug the hole, so as to avoid heat accumulation and damage equipment or cause a fire risk.

6.Equipment installation:

Reasonable placement of equipment, such as loading standard rack, chassis, Cabinet, or placed on a solid, flat work surface to prevent equipment fell.

7.Environment:

Equipment working environment, pay attention to dust, moisture, especially to prevent liquids from soaking and splashed into the device.

8. Maintenance:

All repair work should be done by professional maintenance personnel without training do not attempt to repair the device yourself. To prevent the risk of electric shock, do not open the housing.

2th Product Brief

1. Overview:

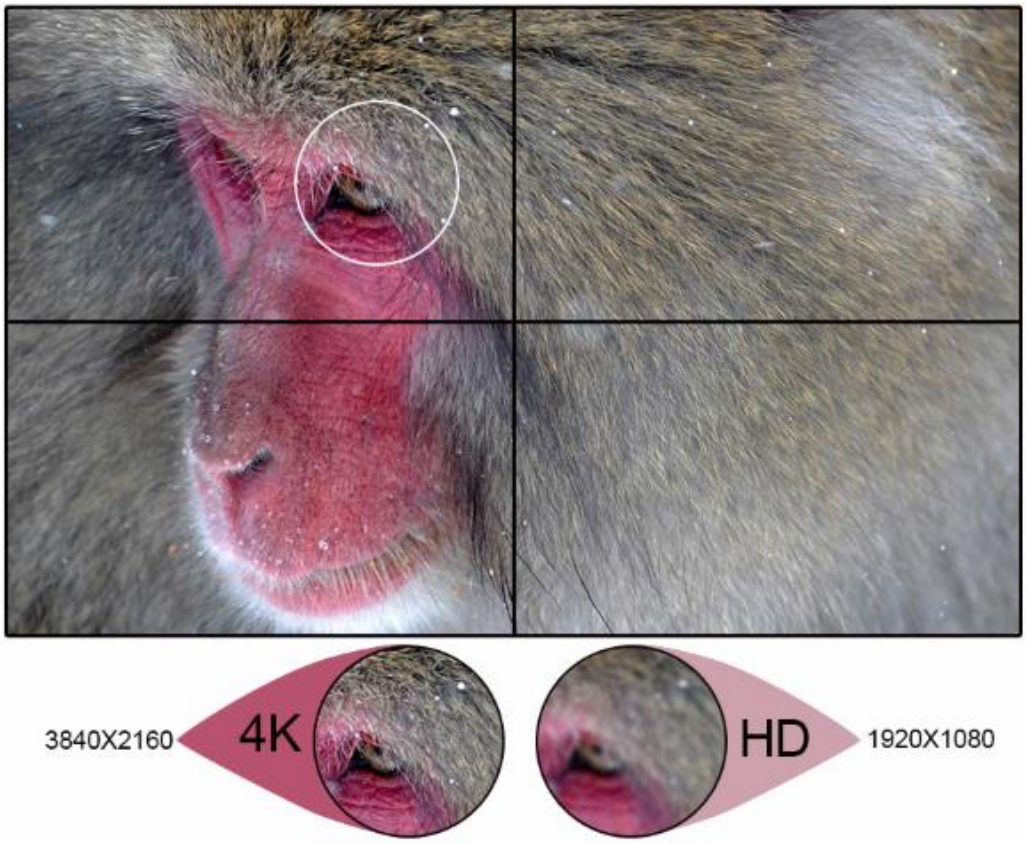
LM-TV03-4K2K Series is a high performance UHD Ultra HD 4K Image splicer, user-customiz able 2 To 12 Image stitching. Its main function is to M × N splicing display unit displays a 3840×2160@60HZ of super high definition image. Products using advanced image processing technology, the input signal can support HDMI2.0, that is 3840×2160@60HZ, will not appear, even when playing fast animation delay, dropped frames are like.

Support 1 HDMI2.0、1 Mobile Signal、1 DP1.2 Enter, Maximum resolution support 3840×2160@60HZ; HDMI Signal outputs, each output is a fixed rate 1920×1080@60HZ.

Other more detailed feature descriptions, please refer to the product specifications.

2. 4K and 1080P difference

The same size, higher sharpness



3. Controller pictures

3thController Installed

1. Open the package

Check host attachments. Include the host, the power cord, remote control, warranty card and instructions.

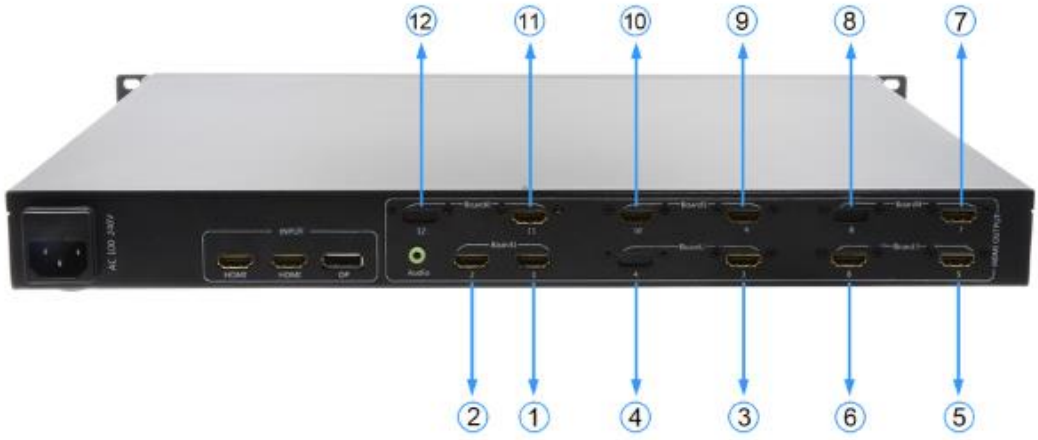
2. Installation machine

2.1. TV sets:

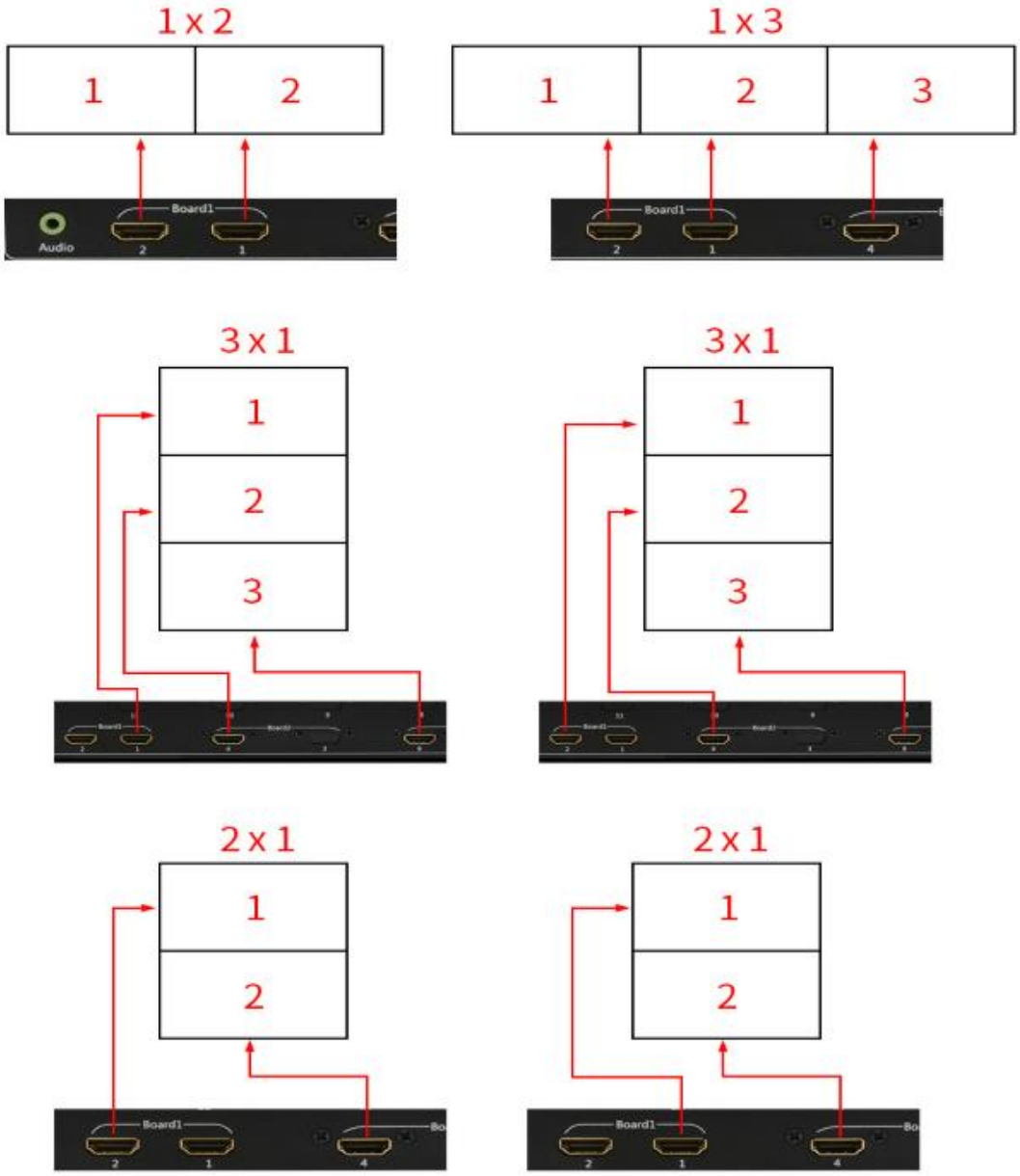
LCD TV or other display device setting input signal to HDMI State. Display unit has multiple HDMI input ports, make sure that connection splicer HDMI lines corresponding to the port;

2.2 .Stitching device connected to the TV:

When in place of picture mosaic, by HDMI Line equipment Output With LCD TV HDMI Input connection, please note that TV must correspond with the splicing processor is connected to the port. Output pictures for the following equipment:



Each of the LCD unit with the splicer is connected to the output port, location boxes indicate LCD, digital output port, each mosaic mode in the following illustration each LCD is connected with the corresponding port:



2.3. Input signal connections

Product support 1HDMI、1Mobile Signal、1DPInput, all input embedded audio input or binding, users can access all the signals on demand, or access part of the signal, interface functions and interface pictures are as follows:

Mobile Signal: Support HDMI1.4 Signal input, maximum support 3840×2160@30HZ HDMI Signal input can be backwards compatible; through a Mobile Signal Go HDMI Lines can also be compatible with Mobile Signal Output image output device, such as Mobile Signal Enabled mobile phones or Tablet;

HDMI: Support HDMI2.0 Signal input, enter the maximum resolution supported 3840×2160@60HZ;

DP: Support maximum resolution support 3840×2160@60HZ;

2.4. Audio connection

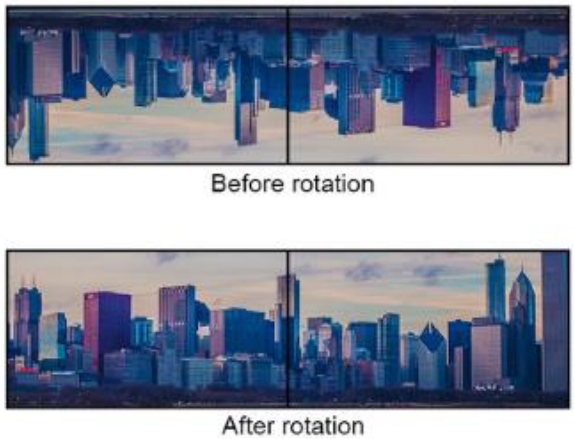
A-OUT Splicer audio output, can purchase an ordinary computer audio and A-OUT Connections;

2.5. Power on boot

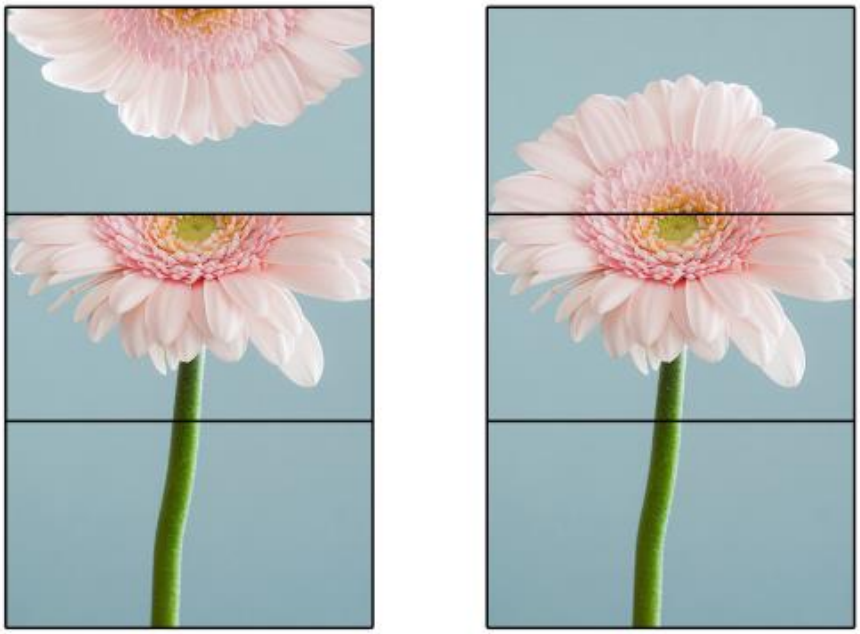
After the above cable connect the power, the power indicator light, equipment in good working condition;

2.5. 180° rotation.

1 x 2



3 x 1



4thRemote Control Settings

Stitching device and the display unit are attached, connected to power the red power light is on, the device works, by remote control or key makes it easy to set up your equipment, or the chassis configuration.

1. set up the remote control:

1.1. Call menu

Press the remote control**MENU**Key, the following pop-up menu;

1.2. Select the submenu

Continuous press**MENU**Keys moves the cursor stays in the different submenu, submenu that stays as red text, press **OK**Key to select the menu entries, it becomes green text to the selected menu function sets the corresponding submenu.

1.3. Change the product settings

After menu changes to green, with remote control or ◀ keys ▶ to change product parameters or properties, press the return key ↩ to save the setting and exit the menu.

2. signal source selection

LM-TV03-4K2K Signal source menu option: Auto-select, D0: DP、D1:HDMI、D2:Mobile Signal。

2.1. Automatic selection:

Through the remote control handle menu "signal source" set to "automatic selection", in the case of equipment had no access to other sources, you can automatically insert the signal source and the signal source identification automatically display splicing unit.

2.2. Manual selection:

Can be used for a single source or multiple sources at the same time connected to the device, by manually switching the signal source on the remote control display screen displays an image.

3. split mode

Through the submenu you can choose many kinds of stitching patterns, such as 1x2、2x1、3x1 Mode, typically split mode before leaving the factory is set up, no need to debug.

4. Board, cardID-Flip

By selecting "cardID"Number, in the menu" flip "setting theIDWhether an image needs to be rotated, 180Degrees.

5. the language

Menu can be selected by remote control:English, Simplified Chinese, traditional Chinese, three different menu display language.

5thPressing Setting

Through the chassis control functions with the remote control button function control, this section explains the function of each button, as follows:

MenuKey: The following pop-up menu, repeatedly press strikeMenuButton makes the cursor stays in the different submenus;

Select/: The Red menu parameters are modified;

Save/exit:To save the modified parameters and exit the menu;

HDMI:Key to change to the deviceHDMIInput signal source port;

Mobile Signal:Key to change to deviceMobile Signalport input signal source;

DP:Key to change to deviceDPports input signal source;

The name	Specifications
Signal input	
Input interface	1 HDMI2.0, and 1 DP, 1 HDMI1.4;
Resolution	HDMI And DP supported maximum resolution of 3840*2160@60HZ, backward compatible;
Output	
Output interface	Custom 3 channel HDMI1.3 output display device, supports synchronized audio and video outputs; 3.5mm left and right stereo audio, stereo.
Output resolution	1920x1080@60HZ ;
Color depth	30bit,1000M
Control mode	Chassis keys, remotes

Input voltage	AC100-240V;
Display mode	Custom 2x1, 3x1.
Product size（1U）	442mm (long) x242mm (deep) x45mm (high)
Product weight（1U）	2.8 KG(±3%)
Package size（1U）	565mm x 350mm x 140mm
Package weight（1U）	3.9kg(±3%)
Power consumption（1U）	The largest 90w