

UHD 2 displays mosaic

1th Product overview

The device is a high-performance UHD Ultra HD 4K two displays mosaic, its main function is to 1x2 Tiled display unit displays a 3840x1080@60HZ Super high definition images. Products using advanced image processing technology, the input signal can support HDMI2.0, that is 3840x2160@60HZ, will not appear, even when playing fast animation no delay, no dropped frames.

Support 1 channel HDMI 2.0 、 1 channel MHL 、 1 channel DP 1.2 input, Maximum resolution support 3840*2160@60Hz. 2 channel HDMI Signal output, the output resolution is fixed to 1920*1080@60HZ.

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

2nd Data and usage patterns

2.1 Dual extended display

Laptop extended a 3840x1080 long resolution, connect two 1080P projector or LCD tiled display point-to-point, not deformation can be achieved and do not affect the original notebook's main screen displays, as shown below:



2.2 Common mosaic display

Laptop or other computer output to a 3840x1080 resolution, makes the projector or LCD monitor point-to-point shape display, as shown in the following figure:



2.3 Mosaic, other signal source

The device In addition to computer splicing signals, but also compatibility with other signals of mosaic, such as players, Blu-ray DVD with HDMI, andDP, andMHL signal output of the signal source.

3rd Main functions

3.1 Input signal

Support 1 channel HDMI2.0, and 1 channel HDMI1.4 compatible with both MHL signal,1 channel DP1.2 signal input.

- * HDMI2.0 port maximum support 3840x2160@60HZ resolution and refresh rates of the HDMI signal input;

- * HDMI1.4 maximum compatibility 3840x2160@30HZ HDMI signal input, while ordinary hard line can also be compatible with both MHL signal input;

- * Supports both 1 road DP1.2 signal input, maximum resolution up to 3840x2160@60HZ.

3.2 And output signals

Support 2 channel HDMI 1.3 output, output resolution of 1920x1080@60HZ.

3.3 Signal switching function

Support 1channel HDMI2.0, and 1 channel HDMI1.4, and 1 channel DP signal input. Switching can be done by remote control, chassis keys, or through the automatic recognition function of the input signal.

When the device is set to the automatic identification signals and input is not connected input signal, any signal input port you can automatically switch to the

port and splicing screen displays the port signals.

3.4 Image rotate function

Support image 180 degrees rotation function



3.5 And audio functions

3.5.1 Input signal HDMI and the MHL, and DP supported audio input functions.

3.5.2 Output HDMI and audio input devices are connected, view audio and synchronized playback can be realized.

3.5.3 Support 3.5mm headphone stereo left and right channel independent stereo output connections.

4th product features

4.1 Pure hardware frame

Pure hardware frame, no CPU, no memory, boot only need 3 to 5 clock, system stability, no crashes, system crashes, virus infection risk; the year 365 days every 24 hours of uninterrupted work;

4.2 Advanced DSP image processing technology

Using the most powerful image processing chip DSP technology. DSP technical support DCDI edge smoothing, ACM Adaptive color management, support of CCS color crosstalk suppression, support SHARPNESS sharpness enhancement, dynamic contrast enhancement, genuine six-axis colour control overlap, eliminate noise amplification and other world-leading image processing technologies and capabilities.

And with 3D comb filter decoding, 3D noise reduction and motion-adaptive de-interlacing, color correction, color enhancement, GAMMA correction, and advanced features such as frame rate conversion. Output images without jagged lines or tail, delicate picture quality sharp, smooth and clear, bright colors.

4.3 Powerful data operations

Data parallel processing technology, each output reached 1920*1080@60HZ high resolution display. High speed dynamic picture no tail, delay, tear, dropped frames, images, Chase.

4.4 Supports HDMI 2.0 Protocol UHD signal input

The device UHD image mosaic is supported by 1 channel DP, and 2 channels HDMI (compatible with MHL) signal input, HD video support interlaced and progressive output. You can enter 3840x1080 (32:9) signal, using two 1080P display unit stitching display images without loss, without stretching. Meanwhile, the product supports up to 3840*2160@60Hz of ultra high resolution signal input, and backward compatible with all input signals through professional-level image processing chip, unified output line by line 1920x1080@60Hz HDMI signal.

4.5 And ultra low power consumption

Products using low-power design, no fan cooling, energy saving and environmental protection, noise pollution, of noise control is adapted to all kinds of meetings or other venues.



5th Product picture



6th ultra high definition screen mosaic technology

Name	Specifications
Signal input	
Input interface	1 channel HDMI2.0 signal 1 channel DP1.2 signal 1 channel HDMI1.4 compatible MHL signal
Resolution	HDMI2.0 supported 3840*2160@60Hz maximum DP1.2 supported 3840*2160@60Hz maximum HDMI1.4 supported 3840*2160@30Hz maximum
Output	
Output interface	2 channel HDMI1.3 output to display device 1channel 3.5mm left and right stereo audio
Output resolution	1920x1080@60Hz
Color depth	Support RGB4:4:4, YUV4:4:4, YUV4:2:2 and YUV4:2:0 color space, support color gamut expansion
Control mode	Chassis keys, remotes
Input voltage	DC 12V/3A
Display mode	1x2(1 lines and 2 columns)
Product size	236mm(L) x140mm(D) x30mm(H)
Net weight	0.85KG
Power	Maximum 15W