



MX-1004-4K Quad-View Video Processor provides 7 inputs, which are configurable as 4 HDMI, 2 DP and 1 VGA signal inputs. These inputs can be displayed a single window on screen or quad-view windows at user-selected. Support HDMI output up to 3840x2160@60 Hz resolutions. When user input 4 1080P signals and display on 4K display as quad-view, the display affection is point to point display.

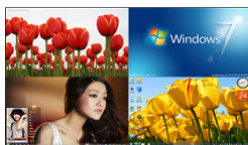
The product also support audio signal input/output, users can display audio and video simultaneously when switch to one high resolution signal on the monitor. Makes it more convenience to use in every occasion.

Using the advanced technology DSP chips, which support DCDI, ACM, CCS, SHARPNESS, support Dynamic Contrast Ratio increase, decrease static etc.

The processor also provided with 3D Comb Filter · 3D Digital Noise Reduction and Adaptive Motion compensation technique including: deinterlacing, color correction, increase color saturation, and Gamma correction functions. The output display is anti-aliasing, high definition and fluent.

Features

- Support 7 input signal port, include 4*HDMI signals, 2*DP signals, 1*VGA signal.
- Support 1 HDMI 2.0 ,Resolution output up to 3840*2160@60Hz, compatible with 4K monitor.
- Support any four of the 7 signals can be displayed simultaneously in quad-view mode.
- Support one of the 7 signals can be full screen displayed on the monitor.
- Support multiple display modes: quad-view mode, single-window mode, POP and PIP mode (Under POP and PIP mode, the images are fixed.)
- Support panel control, IR control and RS232 control.
- Support 2 USB signals output, which able to connect with mouse and keyboard, also support switch simultaneously between HDMI image, audio and USB signals.
- 100V~240V power supply, can be used in any country.
- Standard 19-inch 1U chassis drawing, directly on the cabinet.



Quad-view



Single view (full screen)



POP (Right / Left)



POP (Up/Dowd)



PIP (Fixed left upper corner)



PIP (Fixed right upper corner)



PIP (Fixed left lower corner)



PIP (Fixed right lower corner)

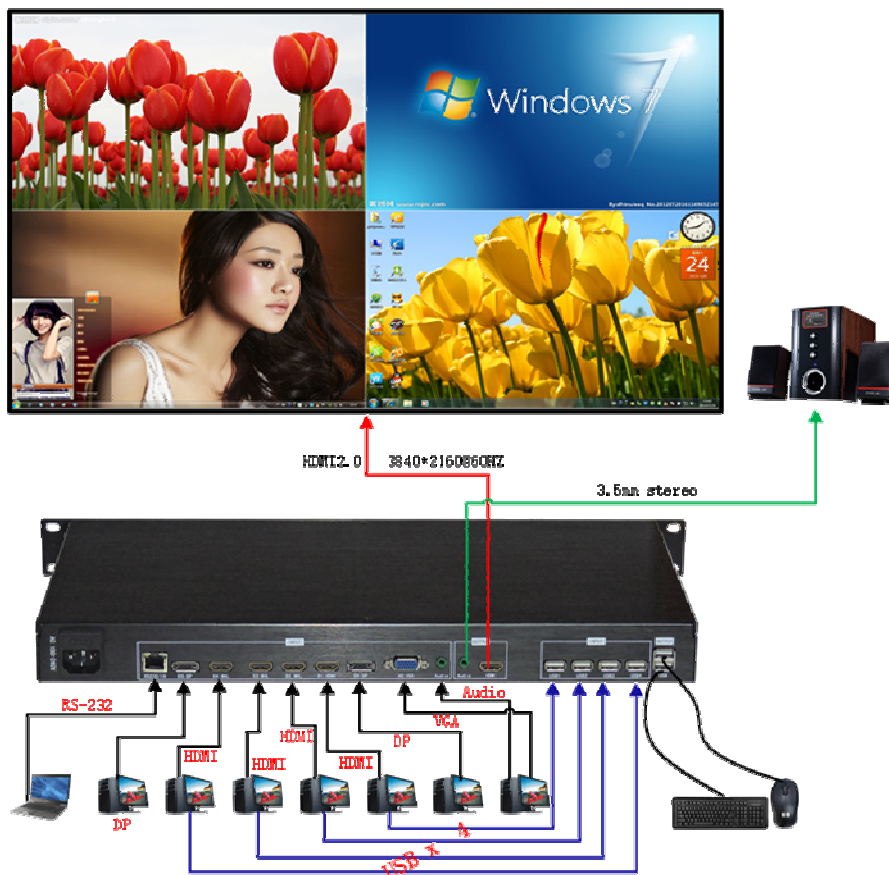


PIP (Fixed in the middle)

Specifications

| Input Signal | |
|-------------------|---|
| Input port | 1VGA port [D-Sub 15 pin , female], 2DP ports [20 pin, female], 4HDMI ports (including 3-way compatible MHL) [19 pin, Type A, female], 4USB ports [4 pin, Type A, female] and 1 stereo audio port (operate with VGA port) [3.5mm, female] |
| Resolution | DP Port: Support up to 3840 x 2160@60Hz (4K x 2K@60 Hz) resolution and backward compatibility. HDMI Port: Support up to 3840 x 2160@30Hz resolution and backward compatibility |
| Color depth | 24bit,1677 ten thousand color |
| PIP、POP mode | Fixed model |
| Output Signal | |
| Output port | 1 HDMI 2.0 [19 pin, Type A female] which connect display device and support video and audio sync output; 1 3.5 mm audio right and left stereo [3.5mm, female], 2 USB 2.0, [4 pin, Type A, female] respectively connect with mouse and keyboard. |
| Resolution | 3840 x 2160@60 Hz(4K x 2K@60 Hz), 3840 x 2160@30 Hz(4K x 2K@30 Hz), 2560 x 1440@60 Hz(2K@60 Hz), 1920 x 1080@60 Hz(1080P@60 Hz), 1280 x 720@60 Hz(720P@60 Hz) selectable |
| Color depth | 24bit,1677 ten thousand color |
| Control mode | RS232 [RJ-45,female],IR, Front panel button |
| Voltage | AC 100 ~240V[3 pin, power male] |
| Dimension | 441mm(L)*44mm(H)*239mm(W) [Front panel: 482mm(W)] |
| Power consumption | Max. 15W |

Application



* Meicheng has right to change the information contained herein without notice, machine specifications standard quantity depends on actual production.

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