

VW-1021 10-Display Videowall Processor is a powerful, fully real time data/video processor for multiple flat panel displays or projectors. It's for LCD TV, super narrow bezel LCD. The amount of HDMI signal output can be 2 to 10 according to customers' need. Unlimited stitching to satisfy users' demand through connects in series. The product is using high resolution processor chip, support 1080p signal input/output. The **VW-1021** has four inputs (1*CVBS, 1*VGA, 1*HDMI, 1*USB) and accepts both graphics and video signals.

To make users operate easier, the product has IR control and buttons in front panel. You can also control it through RS-232 central control system.

Product pictogram



▲ Image without rotate (Upper TVs)



▲ Image with rotate (Upper TVs)

Features

- ◆ 1*CVBS, 1*VGA, 1*HDMI, 1*USB signal input and stitching
- ◆ Optional choice: 2 to 10 HDMI signal output.
- ◆ Can make any monitor's image rotate 180 degrees.
- ◆ Accept both graphics and video signals.
- ◆ Can control through IR remote (7 to 10 meters) or buttons in front panel.
- ◆ Support multi video, image, and .txt format. Normal function such as fast forward, next ect.
- ◆ Image edge masking function.

功能介紹

1. Stitching:

Modulization design method. Can increase or decrease output module against the demand. Stitching output can up to 10 HDMI signal per processor. Compatible to DVI 1.0 rule. Can stitch unlimited item. According to users' demand, it can stitching in 2x2、3x3、1x2、2x3、3x2、2x4、4x2、2x5、5x2.



▲ Stitching pictogram

2. Input signal:

Support four signal input: 1*CVBS, 1*VGA, 1*HDMI and 1*USB signal. In addition, there is audio coding function in HDMI and USB signal interface. CVBS and VGA signal also have comparative audio interface. All input image signal can output with audio simultaneously.

3. Mirror image function:

Compare with normal videowall, VW-1021 can make each display unit rotate 180 degrees. When using LCD TV stitching, you can rotate upper LCD TV to decrease border slot.

4. Edge masking function:

Every stitching display unit has border slot. Image distortion happens when there is no image edge masking function. After edge masking, the image will look more natural and real than before.

Specifications:

VGA input	
Input interface	D-SUB 15pin
SYN C mode	HV sync separate, sync composite, sync on green
Image bandwidth	165MHz
Resolution	640 x 480@85 Hz ~ 1920 x 1200@60 Hz
Deep color	24bit, 1677 thousand color
HDMI / DVI input	
Input interface	HDMI1.4(HDCP1.3), DVI1.0
Resolution	Support 480i ~ 1080p input, DVI signal support 640 x 480@85 Hz ~ 1600 x 1200@60 Hz
Deep color	24bit、1677 thousand color
CVBS	
Input format	NTSC, PAL or SECAM
System identification	Automatically identify
USB input	
Input format	USB 2.0 interface, support multi video, photo and .txt format
Output	
Output	Support 2~10 HDMI output
Output format	Digital image, audio output simultaneously
Output resolution	1920 x 1080p@60 Hz
Output frequency scan	60Hz
Deep color	24bit, 1677 thousand color
Other	
Control mode	RS-232, IR remote, front panel
Power supply	AC 90 ~ 264 V
Display unit	Stand-alone support 4, 5, 6, 7, 8, 9, 10 stitching Unlimited stitching through connect in series
Power consumption	20 W
Dimensions/ Weight	441 (W) x 44 (H) x 239 (D) mm / 2.5 kg

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