System Diagram

VISSONIC ELECTRONICS LTD
Web：www.vissonic.com
Guangzhou China

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NO. VIS08A2410

stage performances, video conference rooms and ultra-high-definition video surveillance…

VIS-UHD0409-VW-S
4K HD seamless video wall processor

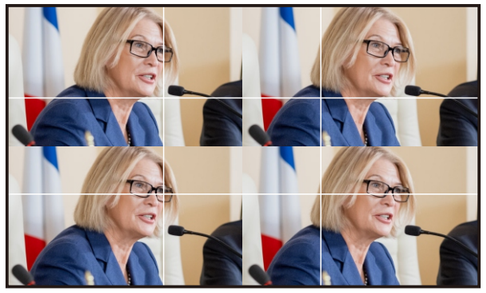
The VIS-UHD0409-VW-S video processing device is designed for seamless splicing applications. It offers features like multi-window roaming, adjustable display positions, and loop-out design for larger video walls. Supporting image rotation and various controls, it's ideal for professional audio-video processing and display scenarios.

Features & Applications

Features

- 4K@60 4:4:4 input supports HDMI 2.0 and HDCP 2.2 for clear color video, while the maximum output resolution is 1920x1200@60Hz, supporting HDMI 1.4 and HDCP 1.4 with point-to-point display.
- Supports flexible multi-screen presentation, image stitching, and roaming with up to four windows.
- Adds scrolling subtitles for dynamic video wall messaging.
- Allows 90°, 180°, and 270° rotation to accommodate different installation angles or display requirements.
- Splicing synchronization ensures perfect alignment of all output units.
- Generates input test images for engineering debugging and output test images to verify correct connections between output ports and display devices.
- Input equalization compensates for signal loss in challenging setups.
- HDMI loop-out for passing HDMI signals between devices, facilitating larger-scale video wall systems.
- Supports preset management, enabling one-click save and recall of presets.

Applications



Parallel replication

Single screen

Flexible video wall + banner display

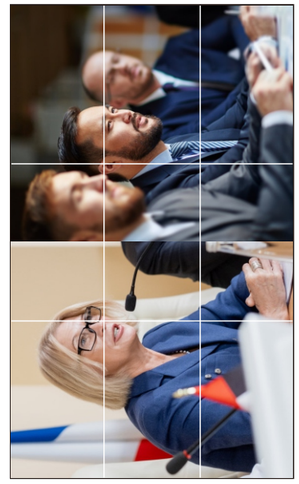
Flexible layer roaming

Flexible layer overlay

1x9 portrait display

7680x2160 point-to-point display

Rotation 90°



Rotation 180°

Rotation 270°