VWP-0812

Video Wall Processor

The VWP-0812 Video Wall Processor is a high-end video processing equipment development and manufactured by our company for LCD large screen display and so on. It has adopted the CrossInt smart splicing technology specially designed for splicing display and all display modules are locked by FST technology before synchronous output, eliminating the asynchronous display between contents of multiple modules.

FEATURES

- Support arbitrary stitching of up to 12 LCDs or DLPs
- 8 DVI-U inputs (DVI-U supports DVI/HDMI/VGA/CVBS) and 12 HDMI outputs
- Arbitrary layout of 8 images / windows
- Keys and color display screen on the front panel, allowing quicksetting without software installed
- Support signal echoing and view real-time input and output signals by software, enabling WYSIWYG
- All 60Hz image processing, achieving smooth and non-tearing images
- Support output port mapping, allowing blind mating
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TECHNICAL SPECIFICATIONS

VIDEO INPUTS

Type	QTY	Description
DVI-U	8	Support up to 1920×1200@60Hz, downward compatibility. Support DVI/HDMI/VGA/CVBS with different connectors Compatible with HDMI1.3 and lower version, EDID version 1.3

CONTROL PART

Type	QTY	Description
HDMI	12	Resolutions: 1024×768@60Hz till 1920×1080@60Hz Support 60Hz/50Hz/30Hz output frame rates

FUNCTION DESCRIPTION

Outputs	12 outputs support splicing mode of arbitrary form, such as: 3×4, 2×6 etc.
8 layouts/windows	Up to 8 windows or layouts in total; Each layout can be freely zoomed and adjusted. Images can overlap each other.
1000M Preview	The signal image can be gained on computer at real time by control software which includes both input signal and output signal
Switching Effect	When switching signals or user-modes, users can set up different effects and time

OTHERS

Outputs	12 outputs support splicing mode of arbitrary form, such as: 3×4, 2×6 etc.
Input Power	100-220V 60/60Hz
Work Environment	Temp: 0-40°C; Humid: 0-95%
Dimension	440x290x66mm
Weight	5.4kg

About VitBest

VitBest is a professional digital audio video products manufacturer dedicates in manufacturing high quality, reliable and stable products. For audio-visual system integrators, a trustworthy distribution and control electronics components means much more than their sizes.

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MULTIPLE SPLICING MODES

VWP-0812 can simultaneously display 8 same or dierent signal images on the splicing screen, and size, location and hierarchical relationship of each image can be adjusted independently.

Conventional splicing method commonly leads to dislocation or out-sync

CrossInt technology guarantees uniformity and synchronism of splicing

8 DVI INPUTS

Equal to DVI-I, DVI-U, however, increases exibility and may cover multiple digital and analog signals. VWP-0812 supports 8 DVI-U inputs, which can receive DVI, HDMI, VGA and CVBS signals.

BLIND-MATE

Support output port mapping, allowing blind-mate
VWP-0812 supports output port mapping, allowing casual connection of 12 output ports without considering the physical and logic locations of the display unit. Users can directly adjust logic locations through equipment or VitBest soft keys to make the splicing wall display images correctly.

ETHERNET MONITORING & CONTROL IN REAL TIME

Ethernet monitoring and preview.
Users may obtain the real-time signals of VWP-0812 by means of the VitBest control soft keys in the computer, including the output images and preview of input signals. In this way, users may complete edition of the visualized display templates, thus realizing WYSIWYG software operation.

SEAMLESS TRANSITION

Seamless Switching Between Signals Support fade-in fade-out special effect or instant seamless switching of any signal, eliminating black frame, blue screen and so on.

FULL 60HZ IMAGE PROCESSING

VWP-0812 provides full 60Hz perfect outputs that effectively resolve dynamic image ghosting caused by the low frame state and present sharp dynamic images.

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