HDTVVPX500

Multi-Image Splicing Processor

➢ **Support arbitrary stitching of up to 12 LCDs or DLPs**

➢ **8 DVI-U inputs (DVI-U supports DVI/HDMI/VGA/CVBS)**

➢ **Arbitrary layout of 8 images**

➢ **Keys and color display screen on the front panel, allowing quick setting 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**

Multiple Splicing Modes

Arbitrary display of 8 images

VPX-500 can simultaneously display 8 same or different signal images on the splicing screen, and size, location and hierarchical relationship of each image can be adjusted independently.

CrossInt smart synchronous splicing

VPX-500 has adopted the CrossInt smart splicing technology specially designed for splicing display and all display modules are locked by BeingHD FST technology before synchronous output, eliminating the asynchronous display between contents of multiple modules.

Conventional splicing method commonly leads to dislocation or out-sync

CrossInt technology guarantees uniformity and synchronism of splicing

8 DVI-U inputs

Equal to DVI-I, DVI-U, however, increases flexibility and may cover multiple digital and analog signals. VPX-500 supports 8 DVI-U inputs, which can receive DVI, HDMI, VGA and CVBS signals.

Blind-mate

Support output port mapping, allowing blind-mate

VPX-500 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 BeingHD soft keys to make the splicing wall display images correctly.

Ethernet monitoring & control in real time

Output

Ethernet monitoring and preview

Multi-signal

Ethernet monitoring and preview

Users may obtain the real-time signals of VPX-500 by means of the BeingHD 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.

Full 60Hz Image Processing

VPX-500 provides full 60Hz perfect outputs that effectively resolve dynamic image ghosting caused by the low frame state and present sharp dynamic images.

Non 60Hz dynamic image

Full 60Hz perfectly outputs

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.

Technical Parameters

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

Video Outputs		
Type	**Qty.**	**Description**
DVI-D (24+1)	12	·Support common output resolutions: 1024×768@60Hz till 1920×1080@60Hz .Support 60Hz/50Hz/30Hz output frame rates

Function Description	
Splicing Output	·12 outputs support splicing mode of arbitrary form, such as: 3×4, 2×6 etc.
Eight-image Display	·Render 8 or fewer images on screen at the same time, which can come from the same or different input signals. ·Each image can be freely zoomed and arranged. Images can overlap each other.
Ethernet Monitoring	·VPX-500 signal image can be gained on computer at real time by the control software which includes both input signal and output signal.
Special Effect Switch	. When switching signal, users can choose fade-out effect or quick direct switching

Others			
PC Control	RS232/RJ45 Ethernet	Size (mm)	66(H)×432(L)×256(D)
Weight (Kg)	4	Input Power	100-240 VAC, 47- 63 Hz, ≤2A
Work Environment	Temp:0-40℃; Humid:0-95%	Warranty	Free repair within 2 years

Some parameters are subject to adjustment without prior notice.