VPX800-4U

4-win chassis New TV Wall Video Processor



Description

It's a high performance video processing workstation with pure hardware architecture for spectacular video wall displaying which can be employed in fields including education and research, government announcement, information publishing, exhibition and show, controlling and commanding center, security monitoring, etc.

Advanced image processing technologies such as high definition video signal collecting, real time and high resolution digital image processing. It also employs large-capacity, high-speed FPGA and CrossPoint switch to ensure the real-time processing of all input signal and the consistency of the data, leading to no image delay, discretization, frame loss, which guarantee excellent video displaying.



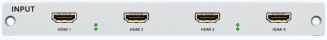
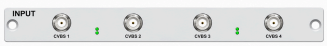
Features

- 4U modular chassis
- 8 input slots + 5 output slots
- Supports to open 4 windows on screen
- Supports PIP, cross-screen, pure-hardware design and IP input
- Supports up to Video wall groups management
- Supports the PC software/ APP/ RS232 control
- Supports scrolling text and background image(*need optional function card)

Specifications

NAME	VPX800-4U
Input slots number	8 slots, Up to 32 inputs(1-card 4-port)
Output slots number	5 slots, Up to 18 outputs(1-card 4-port)
Control	RS232, LAN, WEB GUI for Scenes
Dimension	410*310*178mm
Weight	15kg
Power Supply	100VAC–240VAC 50/60Hz
Consumption	950W
Working Humidity	10%–90%
Temperature	-10˚C – 50˚C
Storage	-20˚C – 75˚C

Input and output cards

Input Cards (HDMI, DVI, SDI, VGA, CVBS, Y-Pb-Pr, IP, 4K)			
1	4-port DVI input card	VPX-IN-4DVI	
2	4-port HDMI input card	VPX-IN-4HDMI	
3	4-port VGA input card	VPX-IN-4VGA	
4	4-port CVBS input card	VPX-IN-4CVBS	
5	4-port Ypbpr input card	VPX-IN-4YPbPr	
6	4-port 2DVI+2VGA input card	VPX-IN-2D2V	
7	4-port 2HDMI+2VGA input card	VPX-IN-2H2V	

Input and output cards

Output card (HDMI, DVI)			
1	4-port HDMI LCD output card	VPX-W4-OUT-4HDMI-LCD	
2	4-port DVI LCD output card	VPX-W4-OUT-4DVI-LCD	
3	4-port VGA LCD output card	VPX-W4-OUT-4VGA-LCD	
4	4-port HDMI LED output card	VPX-W4-OUT-4HDMI-LED	
5	4-port DVI LED output card	VPX-W4-OUT-4DVI-LED	
Function cards			
1	1-port RJ45 preview card	VPX-OUT-IPV	
2	1-port RJ45 + 2-port RS232	VPX-MCU-DZ	

Note: For the RJ45 preview card, please see the features as below:

- Support 64 channels signals preview
- Support to plug multiple preview cards
- Supports 8 channels preview with 30Hz
- Supports 64 channels preview with 10Hz
- 1 preview card will take 1 output slot

Connection Diagrams

