

LED Wall Controller

VPC Series

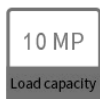
VPC 16

INTRODUCTION

VPC16 is a controller possessing powerful video signal input and processing capacity . It supports 4K inputs with DP 1.2 and HDMI 2.0 connectors, and 2K inputs with HDMI 1.4and DVI connectors, and the multiple signals can be seamlessly switched. Equipped with 16 Gigabit Ethernet ports, VPC16 can greatly meet your different demands. Additionally.VPC16 boasts abundant practical functions that enable flexible screen control and highquality image display.

VPC16

4K Professional Processor



VPC Series

FEATURES

Inputs

- Maximum 4096x2160@60Hz.
- 4K input interface: 1x DP1.2,1x HDMI2.0.
- 2K input interface: 2x HDM1.4, 2x DVI.

Outputs

- Up to 10.48 million pixels load capacity, with maximum 16384 pixels in width and 8192 pixels in height.
- 16 x 1G Ethernet outputs.

Audio

- 1x 3.5mm input.
- 1x3.5mm output,support HDMI and DP audio.

Functions

- Up to 6 windows, support window overlay.
- Window roaming and free scaling.
- Free cropping and seamless switching.
- Adjust color gamut with precise color management
- Brightness and color temperature adjustment.
- 3D display (purchase corresponding accessories separately).
- Improve grayscale performance with Better Grayscale at Low Brightness.
- Save and recall 16 preset scenes.

RELEVANT FUNCTION INDICATION

- 4K UHD resolution
- 4096×2160 / 3840×2160@60Hz
- 4K×2K / 8K×1K point-to-point display
- Single 16 network ports / loading up to 10 million pixels



One VPC16 can replace four VPC4

VPC Series

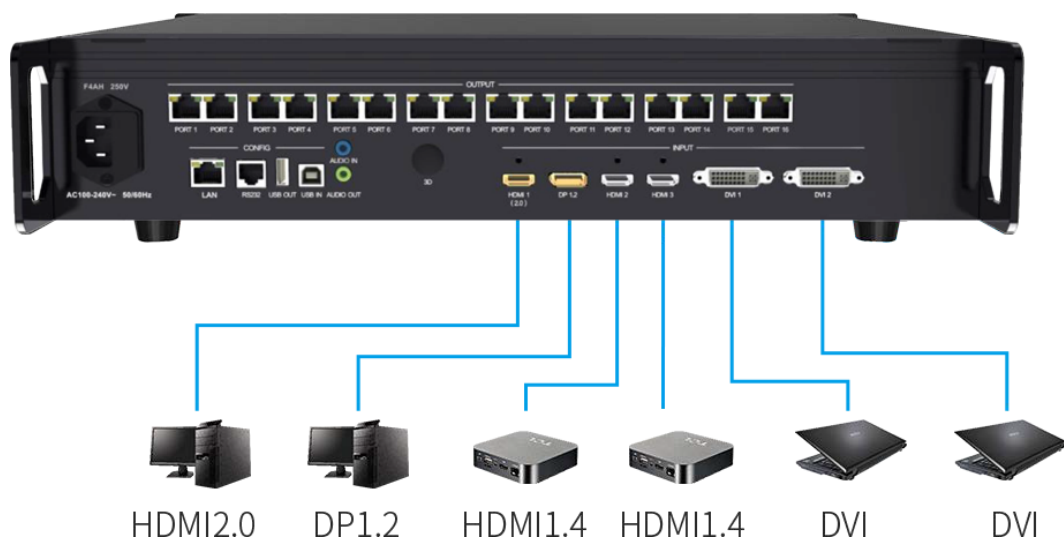
4K UHD

A single unit features a loading capacity of up to 4096×2160@60Hz. It supports any custom resolutions with the maximum width or height up to 16384 pixels, meeting the on-site configuration requirements of ultra-long or ultra-wide LED displays.



Multi-Signal Input.

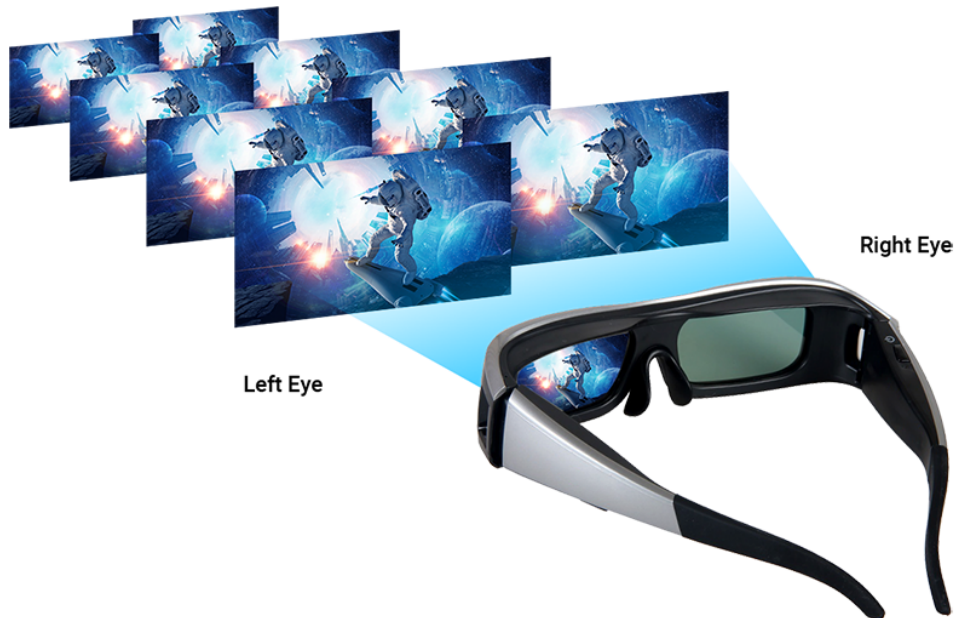
1×HDMI 2.0, 1×DP1.2, 2×HDMI 1.4, 2×DVI.



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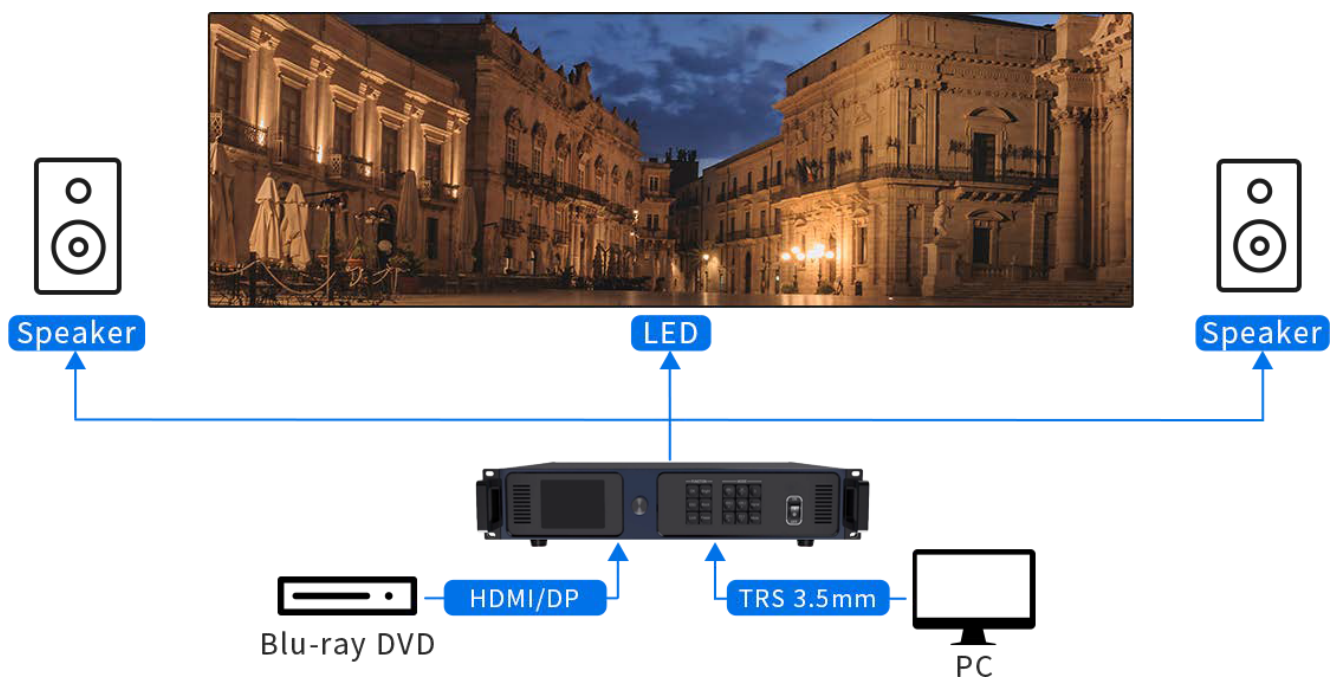
High frame rate Active Shutter 3D, outstanding visual effects

Support 240Hz high frame rate Active Shutter 3D, providing remarkable display effects



Independent Audio Ports Provide Spectacular Sound

Equipped with Hi-Fi audio input and output ports, it extracts from the HDMI signal and output the audio to speaker through the device audio port. Speaker system make it easier to operate



VPC Series

10bit color depth

Higher color depth means more shades of color.



8bit

10bit



8-bit



10-bit

During scenes with dynamic lighting changes, light, shadow, and color are all expressed in beautiful detail, making the image more real, accurate, and layered.

VPC Series

SPECIFICATIONS

Product Name	VPC16
Maximum out load	10.48million pixel
Width and height maximum	Widest: 16384 pixel Highest:8192 pixel
Input interface	1xDP1.2/1xHDMI2.0/2xHDMI1.4/2x DVI
Color bit depth	12bit/10bit/8bit
Output interface	RJ45x16
LCD panel	Support
Quick setup	Support
Independent gama	Support
3D	Option
Control method	TCP/IP USB RS232

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