

LED All-in-One Processor

VPC7

INTRODUCTION

VPC7 is a professional control system and video processing equipment specially designed for LED engineering applications. It comes with a variety of video signal interfaces, supports high-definition digital interfaces (DVI, HDMI, SDI) and seamless switching, and can achieve broadcast-level quality scaling and multi-screen display. The VPC7 has 8 Gigabit Ethernet outputs and supports an LED display of up to 8192 pixels with a width or height of 4096 pixels. In addition, VPC7 is also equipped with a series of flexible screen controls and multi-functional functions of high-quality image display, which has strong advantages in LED engineering applications.



FEATURES

- Multiple digital signal ports, including 2x DVI, 1x HDMI, 1x SD1.
- The carrying capacity is up to 5.2 million pixels, the maximum width is 8192 pixels, and the maximum height is 4096 pixels.
- Input resolution up to 1920x1200@60HZ
- 8 Gigabit Ethernet output ports, supporting network port redundancy or controller redundancy.
- · User-definable video source switching and scaling
- Up to 3 layers, easily customize position and size.
- · Independent audio input and HDMI audio decoding.
- RS232 protocol.
- HDCP
- Brightness and color temperature adjustment
- Supports better grayscale under low brightness, which can effectively maintain the complete display of grayscale under low brightness.

VPC7



1

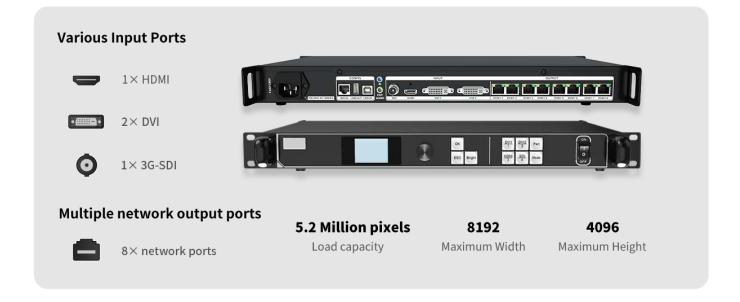
Feature



Full Compatibility of Different Input Signals

Support various HD video input signals, suitable to different scenarios

Support large load capacity with 8 network output ports





Three-Layer Display

Free display layout for 3-layer of HD inputs, enabling smooth scaling effect



Video Deinterlacing

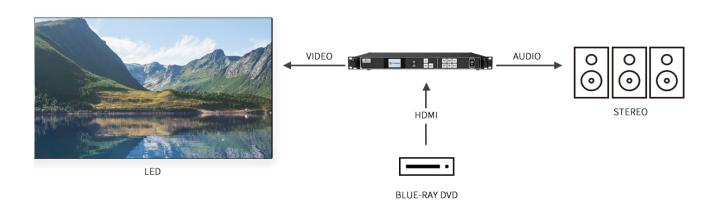
3G-SDI input port supports video deinterlacing. Refined algorithm makes image display clearer



Before deinterlacing

After deinterlacing

RELEVANT FUNCTION INDICATION





SPECIFICATIONS

Model	VPC7
Input	1xSD1/1xHDM11.4/2xDVI
Input Resolution	1920x1200@60HZ
HDCP	1.4
Output	8x1G Ethernet
Loading Capacity	5.2 million pixels
Serial Port Control	\checkmark
USB Control	\checkmark
Audio	\checkmark
Video Processing	Cropping, Scaling, PIP, Switching
Layers	3
Loop Backup	√
Precise Color Temp	√
Certification	C€ FC ICCCCRoHS

