iSEMC

VP Series

Video Wall Controller

Powerful Video and Image Processing Device

INTRODUCTION

VP series is a two-in-one video controller that integrates video processing and video control functions. A single device can carry a maximum of 15.6 million pixels, a maximum width of 16384 pixels, and a maximum of 8192 pixels, which can meet the on-site ultra-wide and ultra-high display control. The VP series has powerful video signal receiving and processing capabilities, supports 10bit video processing, supports a maximum of 4K×2K@60Hz video input, and supports a maximum of 6 +1 video signal inputs, supports 6 independent windows, output screen scaling, step-by-step Features such as light chromaticity correction can provide excellent image display. The VP series adopts an industrial-grade housing. With its powerful video processing and sending capabilities, it can adapt to complex operating environments and is widely used in various large-scale fixed installations such as governments, enterprises and institutions, and military command centers.

FEATURES

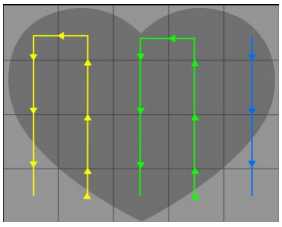
- Support 4 channels of HDMI1.3 video signal input simultaneously.
- Support DP1.2 +HDMI 2.0 dual 4k video signal input at the same time, maximum support 8Kx1K@60Hz input source.
- Support fixed 3.5mm analog audio input/output.
- Support HDMI2.0/DP1.2/HDMI1.3 with audio input.
- Support one extended 3G SDI input (optional).
- 2U body, more rich interface specifications, each product of the V series strives to provide you with the most suitable and most competitive input/output interface types.
- Arbitrary connection, breaking the traditional rules, improving the utilization rate of the loading capacity of the network port, and reducing equipment performance waste.
- Control system and video processing two in one.
- Zoom to full screen with one click.

VP Series

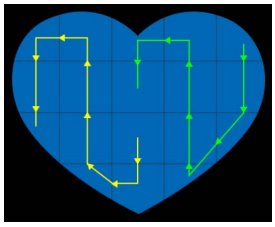
Beijing Lema Technology Co.,Ltd.
Tel:+86 10 64912688 | Fax:+86 10 64912688 info@isemc.com | www.isemc.com

iSEMC

RELEVANT FUNCTION INDICATION

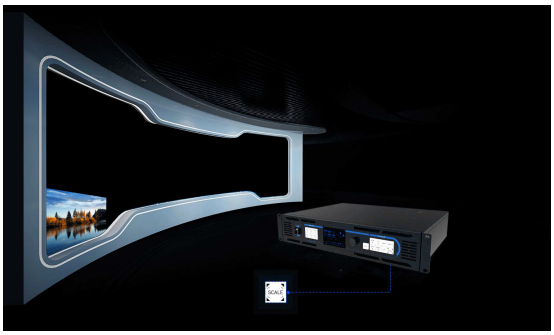


Traditional

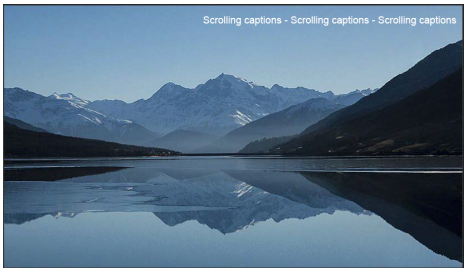


At will

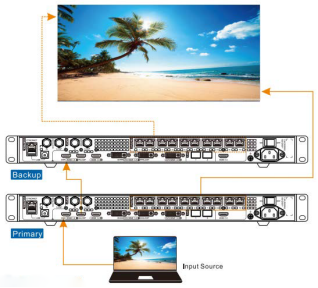
- **Connection method**



- **One-click zoom**



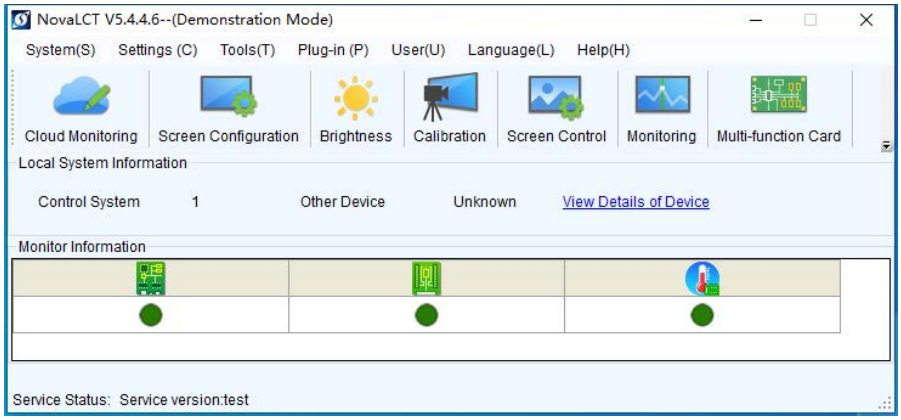
- **Scrolling captions**



- **Backup Operations**

Software control

The control system of the LED display is divided into a synchronous control system and an asynchronous control system. For a synchronous control system, the images played and controlled by the display are displayed synchronously with the video source (such as PC, camera, etc.) in real time; for an asynchronous control system, the images played and controlled by the display are displayed asynchronously with the video source. locally, and then play according to the play plan.



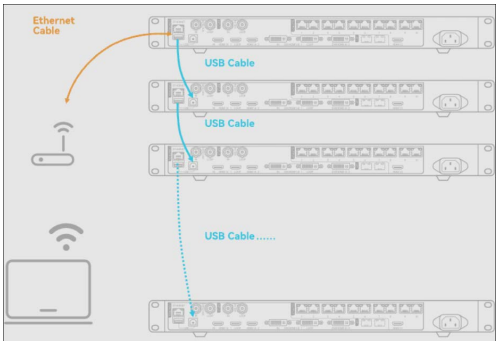
VP Series

iSEMC

FUNCTION

Complete redundantsystem

Complete redundantsystem for maximum stability, Support for redundant input source, system configuration, ethernet ports, and devices Providing total security from start to finish.



Ultra-low latency with visually lossless compression

Decodes and Encodes professional-grade video with ultra-low latency, and the output delay is less than 100ms, guaranteeing exceptional user experience and response time in mission critical applications.

UI customization

iSEMC is committed to providing customers with better customized services, supporting customized software login interface background, system control background and layout, adding LOGO.

One-click calling of user scenarios

Equipment synchronization and stability guarantee

ESD interface is fully protected

Smart screen configuration simplifies

Immersive 3D output

Perfect HDR restores the real

VP Series

Beijing Lema Technology Co.,Ltd.
Tel:+86 10 64912688 | Fax:+86 10 64912688 info@isemc.com | www.isemc.com

iSEMC

DIAGRAM

SPECIFICATIONS

Styles	VP2460	VP1260	VP1160	VP1060	VP960	VP760
Carrying capacity	1560W	1040W	650W	390W	260W	130W
Pixel(MAX)	Width:16384	Width:16384	Width:10240	Width:10240	Width:3840	Width:3840
	Highly:8192	Highly:8192	Highly:8192	Highly:8192	Highly:1920	Highly:1920
Input	HDMI 2.0x1	HDMI2.0x1	HDMI1.4x2	HDMI1.3x2	VGAx1	VGAx1
	DP 1.2x1	DVIx4	DVI (HDMI1.4) x1	DVIx1	DVIx1	DVIx1
	HDMI 1.3x4	3G-SDIx1	AUDIOx1	AUDIOx1	HDMI x1	HDMI x1
	3G-SDI (IN+LOOP) x1(optional)		3G-SDIx2 (optional)	3G-SDIx1 (optional)	CVBSx1	CVBSx1
	AUDIOx1				USBx1	USBx1
Output	Network port:x24	Network port:x16	Network port:x10	Network port:x6	Network port:x4	Network port:x2
	AUDIOx1	HDMIx1(MVR)	HDMIx1 (MVR)	HDMIx1 (MVR)		
Layers	6+BKG+OSD	5+OSD	3+OSDx1	3+OSDx1	1	1
Scenes	10	10	10	10	6	6
Knob for brightness adjustment	√	√	√	√	√	√
Onboard u disk playback	x	x	x	x	√	√
Control method	TCP/IP	USB/TCP/IP	USB/TCP/IP	USB/TCP/IP	USB	USB
Central control docking	RS232/TCP/IP	RS232/TCP/IP	TCP/IP	TCP/IP	RS232	RS232

VP Series

Beijing Lema Technology Co.,Ltd.
Tel:+86 10 64912688 | Fax:+86 10 64912688 info@isemc.com | www.isemc.com