VX1000

ALL-IN-ONE VIDEO CONTROLLER AND PROCESSOR

VX1000

The VX1000 is Novastar's new all-in-one controller that integrates video processing and video control capabilities into one box.

It features 10 Ethernet ports and supports Video Controller, Fiber Converter and Bypass working modes. One VX1000 unit can drive up to 6.5 million pixels, with the maximum output width and height up to 10,240 pixels and 8192 pixels, respectively, ideal for ultra-wide and ultra-high LED screen applications.

The VX1000 is capable of receiving a variety of video signals and processing 4K×1K@60Hz high-resolution images. Furthermore, the device features stepless output scaling, low latency, 3D, pixel-level brightness and chroma calibration and more, to present you with an excellent image display experience. What's more, the VX1000 can work with Novastar's supreme software NovaLCT and V-Can to greatly facilitate your in-field operations and control, such as screen configuration, Ethernet port backup settings, layer management, preset management and firmware update.

Thanks to its powerful video processing and sending capabilities and other outstanding features, the VX1000 can be widely used in applications such as medium and high-end rental, stage control systems and fine-pitch LED screens.

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PRODUCT DETAILS

KEY FEATURES

- Powerful video processing based on SuperView III image quality processing
- Maximum loading capacity of 6.5 million pixels
- 4K x 1K@60Hz high-resolution images processing capabilities
- Multiple control modes: V-Cam, NovaLCT, front panel
- Mosaic input source supported
- Three working modes: Video Controller, Fiber Converter, Bypass
- Adjustable layer size, position and priority
- Multiple kinds of hot backup
- Output synchronization of multiple units
- Up to 4 units can be cascaded for image mosaic
- All-round color and brightness adjustment
- Pixel level brightness and chroma calibration
- Easy preset saving and loading
- 3D function

SPECIFICATIONS

- 1x 3G-SDI input with max. resolution of 1920x1080@60Hz + Loop output
- 2x HDMI 1.4 input with max. resolutions of 3840x1080@60Hz or 3840x2160@30Hz, + 1x Loop output and custom resolutions supported

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2x DVI inputs with max. resolutions of 3840x1080@60Hz or 3840x2160@30Hz, + 1x Loop output and custom resolutions supported	
10x Gigabit Ethernet output ports with max. loading capacity of 6.5 million pixels. Port 1 and 2 support audio output	
1x HDMI 1.3 output with adjustable resolution	
2x 10G optical fiber ports. Max capacity of OPT 1: 1x 4K×1K@60Hz or 2x 2K×1K@60Hz. OPT 2: for output only	
1x Ethernet control port for connection to PC or router	
1x USB 2.0 Type-B port for PC connection or input for cascading devices	
1x USB 2.0 Type-A output connector for cascading devices	
1x Genlock port + Loop for connection to an external sync signal	
Input Voltage	100-240V~, 50/60Hz
Rated Power Consumption	28W
Working Temperature	from 0°C to 45°C
Working Humidity	20% RH to 90% RH, non-condensing
Noise Level (at 25°C/77°F)	45 dB (A)
Product Size	483.6 mm × 351.2 mm × 50.1 mm (19.4 x 13.82 x 1.97 in)
Product Weight	4 kg (8.82 lbs.)

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