

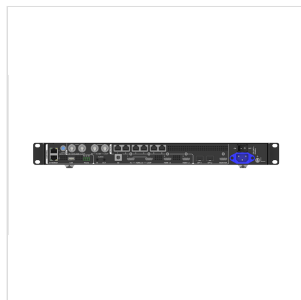
VX600PRO**ALL-IN-ONE VIDEO CONTROLLER AND PROCESSOR**

The VX600 Pro is an all-in-one controller combining video processing and video control functionalities into a single device. Equipped with 6 Ethernet ports, it supports three working modes: video controller, fiber converter, and ByPass. Capable of managing up to 3.9 million pixels, the VX600 Pro can output at a maximum width of 10,240 pixels and a height of 8,192 pixels, making it perfectly suited for controlling ultra-wide and ultra-high LED screens on-site. The VX600 Pro boasts powerful video signal reception and processing capabilities, supporting a maximum resolution of 4Kx2K@60Hz for video input. It can handle multiple video signal inputs and includes features like 6 layers, output scaling, low latency and pixel-level brightness and chroma calibration. These functions combine to deliver outstanding image display quality. With various control options available, the VX600 Pro can be operated via the front panel knob, NovaLCT, Unico and VICP app, providing you with a convenient and effortless control experience. The VX600 Pro is housed in an industrial-grade casing, which, combined with its powerful video processing and transmission capabilities, makes it robust and well-suited for complex operational environments. The VX600 Pro is a perfect fit for medium and high-end rental, stage control systems and fine-pitch LED screens.



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PRODUCT DETAILS

KEY FEATURES

A comprehensive range of input and output connectors

Self-adaptive OPT 1 for either video input or sending card output

Audio input and output with adjustable volume

Flexible screen configuration without rectangle restriction on a single Ethernet port

Low latency and ByPass modes to eliminate latency

Output synchronization

Import and export EDID files

Easy preset saving and loading

Multiple layer display with adjustable size, position, priority and aspect ratio

OSD function

3D function

Supports three kinds of image scaling modes, including full screen, pixel to pixel and custom

Powerful video processing based on SuperView III image quality processing technologies

Supports USB playback for instant plug-and-play convenience

Various working modes: Video controller, Fiber converter and ByPass

Multiple Control Option (from front panel knob to web and App control)

End-to-end backup

Ethernet ports backup

Data saving after power failure and backup design, stable and reliable

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24/7 rigorous stability under extreme high and low temperatures

SPECIFICATIONS

Maximum Loading Capacity	3.9 million pixels
Max Width	10,240 pixels
Max Height	8,192 pixels
Maximum input resolution	4Kx2K@60Hz
1x HDMI 2.0: Resolution up to 4096x2160@60Hz; 8/10/12-bit signals; refresh rates up to 240 Hz	
2x HDMI 1.3: Resolution up to 1920x1080@60Hz	
1x 3G-SDI	Supports up to 1920x1080@60Hz with loop-through output and deinterlacing
2x 10G optical fibre (OPT 1, OPT 2)	Self-adaptive port that can be used as either a video input or an output (OPT 1); port serving as a copy/backup (OPT 2)
6x Gigabit Ethernet ports	For direct control of the LED screen
Supported Layers	up to 6 layers
Scaling modes	full screen / pixel-to-pixel / custom
Latency	0 frames when ByPass mode and the Low Latency function are enabled
Calibration	brightness and colour at the pixel level
1x 3D connector	for third-party 3D emitters
Control options	front-panel knob, NovaLCT software, Unico software/web interface, VICP app and remote control (optional)
1x Light Sensor Port	for automatic adjustment of ambient brightness
Audio	1x audio input and 1x audio output with 3.5 mm jacks
1x RS232 port	for remote control via centralised systems

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1x USB (Type B)	for connection to the control PC
1x GENLOCK (IN-LOOP)	to use an external synchronization signal (bi-level or tri-level)
1x USB 3.0 (front)	For direct playback of images and videos (up to 4K@60Hz for H.265) from a USB stick
Power supply	100–240 V AC, 50/60 Hz
Rated Power Consumption	43 W
Dimensions	482.6 mm × 302.2 mm × 50.1 mm
Net Weight	3.9 kg
Operating Environment Temperature	0°C to 50°C
Operating Environment Humidity	5% to 85% RH, non-condensing
Storage Environment Temperature	-10°C to 60°C
Storage Environment Humidity	5% to 95% RH, non-condensing
Noise Level	45 dB (A)