SCREEN CONTROL · ALL-IN-ONE CONTROLLER

VX600 Pro

All-in-one controller

Processor and LED controller in one rack unit for screens up to 3.9 million pixels, with a real 4K HDMI 2.0 input.

3.9 M pixels · Real 4K input · 6 layers · 256 presets



3.9 M px
Loading capacity

6
Gigabit LED outputs

10,240 px
Max width, 8,192 px high

0 frames
Latency with ByPass

Processor and controller in one. For mid-size live screens.

The VX600 Pro combines a video processor and an LED controller in one box. Six Gigabit outputs drive up to 3.9 million pixels, with screens up to 10,240 pixels wide. Fibre in and out, Genlock, six layers and 256 presets suit rental and fixed screens alike.

Real 4K in
HDMI 2.0 at 4K×2K@60Hz with loop, plus 2 × HDMI 1.3, 3G-SDI and USB playback.

Fibre in and out
A self-adaptive 10G port takes fibre in or sends out; a second copies or backs up.

6 layers
Layers in 4K, DL or 2K sizes, with scaling and priority.

Built for live work
256 presets, ByPass low latency, output sync and Genlock.

Free topology
Irregular screens load per actual cabinet, not per rectangle.

Easy to drive
Front-panel knob, NovaLCT, web control and the VICP app.

APPLICATIONS

Rental and staging · Concerts · Conference halls · Fine-pitch walls · Broadcast · Houses of worship

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Specifications. Every connector and capacity.

OUTPUT

Loading capacity	3.9 M pixels
Maximum size	10,240 px wide, 8,192 px high
LED outputs	6 × Gigabit Ethernet
Fibre outputs	2 × (send, copy or backup)
Monitor	1 × HDMI
3D	1 × 3D emitter connector

INPUT

HDMI 2.0	1 × in and loop, up to 4K×2K@60Hz
HDMI 1.3	2 ×
3G-SDI	1 × in and loop
Fibre	1 × 10G OPT 1 (in or out)
USB 3.0	Plays images and video from a drive

CONTROL

Methods	Front panel, NovaLCT, web, VICP app
Topology	Free or rectangular

MANUFACTURER AND REFERENCE

Manufacturer	NovaStar
Reference	NovaStar VX600 Pro All-in-One Controller Specifications V1.4.0

PROCESSING

Layers	6 × 2K×1K resources (4K, DL or 2K layers)
Presets	Up to 256
Low latency	0 frames with ByPass
Audio	HDMI embedded; 3.5 mm in and out

ELECTRICAL AND ENVIRONMENT

Power input	100–240 V AC, 50/60 Hz
Power consumption	43 W rated
Operating	0 °C to 50 °C, 5–85% RH

PHYSICAL

Dimensions	482.6 × 302.2 × 50.1 mm
Net weight	3.9 kg
Rack	1U

Specifications are typical values from the manufacturer and may change without notice. Skyco confirms the final configuration with your quote.

Talk to our screen control team.

We size the control to the screen, supply and configure it, and support it after handover.

1. **Size the system**
2. **Quote**
3. **Supply**
4. **Configure**
5. **Support**

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