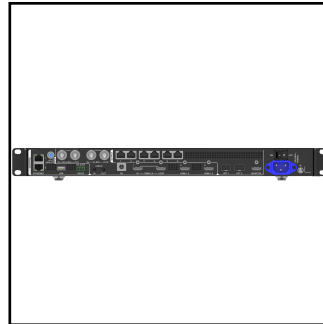


All-in-one video processor

EAN: 8717748604736



The Novastar VX600 Pro is the successor of the VX600 and provides an all-in-one solution for driving small to medium size LED screen installations. It can drive up to 3,900,000 pixels in total, at up to 10,240 pixels wide or up to 8,192 pixels in height, which is ideal for ultra-wide and ultra-high LED screen applications. The VX600 Pro offers a variety of video inputs and it allows you to switch seamlessly between several input sources. Furthermore, it supports up to six layers, has powerful front-end processing with colour correction, eliminates the need for an external scaler, and has low latency and a Gen-Lock function. An internal media player allows you to play content from a USB device without the need for additional external hardware. In addition to the 6 built-in outputs, two fibre-optic output ports are available to cover distances beyond the 100 metre Ethernet cable limit. When using the fibre optic outputs, an additional optical converter unit is required to drive your LED screens. This can either be one of the separately available Novastar CVT10-M or CVT10-S fibre converters, or a second VX600 Pro in fibre converter mode. A light sensor input is available for direct connection of a light sensor, allowing for automatic brightness control. Screen configuration can be done via the front panel, NovalCT, Unico web page and VICP app. The stylish 1U enclosure fits neatly into a 19" rack or case, making it ideal for rental companies and fixed installations.

Special features:

- Internal scaling function
- Inputs: 1x 3G-SDI, 1x HDMI 2.0, 2x HDMI 1.3, 1x USB 3.0
- Outputs: 1x HDMI 1.3, 6x Ethernet, 2x optical, 1x 3D emitter output
- Internal media player
- 6 Ethernet output ports control up to 3,900,000 pixels
- Light sensor input

Specifications:

Inputs

Type of input connector	HDMI 1.3 / HDMI 2.0 / 3G-SDI / RS-232 / Light Sensor Port
Stereo Inputs	1
Stereo Input Connector	TRS balanced 3.5 mm
HDMI 1.3	2
HDMI 2.0	1
3G-SDI	1
RS-232	1
Light Sensor Port	1

Outputs

Type of output connector	3D Emitter / HDMI 2.0 (Loop) / HDMI (PVW/MVR) / 3G-SDI (Loop)
Main Outputs	6
3D Emitter	1
HDMI 2.0 (Loop)	1
HDMI (PVW / MVR)	1
3G-SDI (Loop)	1
Stereo Outputs	1
Stereo Outputs (type)	TRS balanced 3.5 mm

Optical

Optical Slot	Yes
SFP Slot Type	10G
SFP Slot Quantity	2

Playback

Internal Media Player	Yes
-----------------------	-----

Software Specifications

Control Software	Novastar LCT
------------------	--------------

Extra Features

Scaling Function	Yes
Layers	6
GenLock	In & Out

Control and Programming

Display	LCD
Maximum Loading Capacity	3.9 Mpx
Maximum Input Resolution	4096 x 2160 / Width and Height can be defined by users
Control Options	3D Emitter / Ethernet / RS232 / USB

Electrical Specifications and Connections

Power Supply	100-240 V AC 50/60 Hz
Power Consumption	41 W
Power Connector In	IEC
Data Connector In	Phoenix / RJ45 / USB

Data Connector Out Phoenix / RJ45 / USB

Mechanical Specifications

Width (Including Handles)	483 mm
Width (Without Handles)	440 mm
Height (Including Handles)	50 mm
Height (Without Handles)	44 mm
Depth (Including Handles)	302 mm
Weight	3.9 kg
Rack Units	1 U
IP Rating	IP20 (indoor use only)
Colour	Black

Thermal Specifications

Maximum Ambient Temperature	50°C
Minimum Ambient Temperature	0°C
Operating Humidity	5-85 %rH

Included Items

Included Cables	CAT-5 Cable / HDMI-HDMI cable / IEC cable / USB Cable
Included Accessories	Phoenix Connector

Product Accessories:

- [101623](#) NovaStar 10G SFP Module (SM)
- [101654](#) NovaStar CVT10-S2x SFP module (SM/LC) included
- [101655](#) NovaStar CVT10-M2x SFP module (MM/LC) included
- [FV41150](#) HDMI 2.0 Cable 150cm