NOVASTAR H5 VIDEO WALL SPLICER

TECHNICAL DETAILS

Input resolution (px×px)	1920x1080 (3G-SDI)
Input resolution (px×px)	8192x1080
Input resolution (px×px)	2048x1152 (SL-DVI)
Input resolution (px×px)	3840x1080 (DL-DVI)
Input resolution (px×px)	4096x2160
Input resolution (px×px)	2048x1152 (HDMI 1.3)
Input resolution (px×px)	1920x1080 (VGA)
Output resolution (px×px)	2560x2560 (Single video connector)
Output resolution (px×px)	16384x16384 (Single OPT port)
Output resolution (px×px)	10752x10752 (Single Ethernet port)
Capacity	31.2 million pixels (H_16xRJ45 + 2xFiber)
Capacity	650 000 pixels (per 1 port)
Max. frame rate	144Hz
Connectors	2 x BNC (Input/Loop, Genlock)
Connectors	4 x Optical fiber connector (2 x 2, Output)
Connectors	1 x HDMI 1.3 (Output)
Connectors	2 x RS232 (RJ11, Control)
Connectors	2 x USB-A 2.0
Connectors	32 x RJ45 Gigabit Ethernet (2 x 16, Output)
Connectors	2 x RJ45 Gigabit Ethernet (Output)
Connectors	1 x RJ45 Gigabit Ethernet (Control)
Connectors	2 x DisplayPort (Input)
Max. power consumption (W)	400
Width (mm)	482.6

Height (mm)	228.2
Depth (mm)	532.8
Net weight (kg)	17

PRODUCT DESCRIPTION

NovaStar H5 is an advanced splicer video processor designed for low-resolution LED displays. The unit combines video processing and control functions, offering exceptional image quality and configuration flexibility thanks to its modular design and hot-swappable input and output cards.

In the configuration available for rent from SQM Rental House, the Novastar H5 features one H_2xHDMI2.0+2xDP1.2 input card, which offers two HDMI 2.0 ports and two DisplayPort 1.2 ports, each supporting signals with a maximum resolution of 4096×2160 pixels at 60 Hz or 8192×1080 pixels at 60 Hz, providing support for HDCP 2.2 and custom EDIDs.

The system also includes two H_16xRJ45+2xFiber output cards, each equipped with 16 RJ45 ports and 2 fiber ports. Each of these cards can support up to 10.4 million pixels, enabling simultaneous transmission to multiple receivers with high transmission quality over long distances.

In addition, the H5 features the H_ControlCard, which provides advanced system control functions. The card offers interfaces for managing and monitoring splicer operation, making it easy to integrate into complex video installations.

The H5 supports up to 10 input cards, allowing up to 40 input channels, and up to three output cards. The total processing capacity is up to 39 million pixels, and the device can manage up to 48 video layers. Using an FPGA architecture and 10-bit video processing, the H5 provides stable and efficient operation, while offering support for 4K quality inputs and outputs.

The device features dimensions of 482.6 x 532.8 x 228.2 (5U) mm and a net weight of 17 kg. The power consumption is 400 W, and it is powered by AC 100-240 V at 50/60 Hz.

These specifications make the NovaStar H5 ideal for professional video installations, offering unparalleled image quality, configuration flexibility and operational reliability.

Rent one from SQM today!

Product link:

https://rentalhouse.sqm.eu/gb/led-controllers/2335-novastar-h5-video-wall-splicer.html