



H5

H-Series

ideal for

Large displays, complex inputs

summary

The H-Series by Novastar offers endless flexibility for complex displays. Offering an expansive selection of options for inputs and outputs and with chassis' ranging from **2RU** up to an impressive **20RU**, H-Series is an excellent option for displays large and small.

Based on a chassis system with customizable input and output cards, H-Series is **configured to your exact needs**. All models share the same configuration and operation story, so the choice of chassis is determined by how many input and output cards are needed.

Beyond consolidating several controllers into one for large displays, H-Series provides sophisticated control over all inputs via a **simple and end-user friendly web-browser interface**. Whether a display is extremely large and/or has complicated need for source handling, H-Series



H5

inputs



HDMI



DVI



DP



SDI



IP

optional





4K capacity, in each output card

Novastar's flagship video splicing processor introduces several key advantages when designing the processor support for an LED display.

The primary output cards which support the display itself come with 16 or 20 output ports. Each output card supports the capacity on an MCTRL-4K controller. When paired with the processing power integrated in the series, users can not only support 4K, but also scaling, windowing, and configuration of user presets to switch between active inputs and their layout on the display. The 20-port output card satisfies the need for 18 ports with 0.9mm 4K displays where only two panels can cascade data.

Utilizing the layout flexibility of the system, a single H-Series controller can simultaneously support and control content to multiple screens and with several layouts for each display.

Large and small screens alike can benefit from the dynamic content handling interface. With optional fiber out, an H-Series controller can also centrally manage displays across a large distance.

For environments with a mixture of display technologies, H-Series has output options HDMI (up to 4K), DVI, and 3G-SDI. Control all displays using the same easy-to-use interface.



output cards

- 4** DVI
- 4** HDMI (1.4)
- 2** HDMI (2.0)
- 16** RJ45 **2** Fiber
- 4** Fiber
- 20** RJ45
- 4** 3G-SDI
- 4** RJ45 (LAN)

main board

- 1** Genlock (IN) **1** Genlock (OUT)
- 1** RJ45 (LAN)
- 2** USB 2.0
- 1** RS-232 (IN) **1** RS-232 (OUT)

preview and monitoring

- 2** RJ45 (LAN) **1** HDMI (1.3)

input cards

- 4** DVI
- 2** HDMI (1.3) **2** HDMI (1.4)
- 2** HDMI (2.0) **2** DP (1.2)
- 1** HDMI (2.0) **1** DP (1.2)
- 1** HDMI (2.0)
- 1** DP (1.2)
- 2** HDMI (2.0)
- 2** RJ45
- 4** 3G SDI
- 1** 12G SDI (IN) **1** 12G SDI (LOOP)
- 2** CVBS **2** VGA
- 2** DP (1.1)
- 4** VGA
- 2** Audio (IN) **2** Audio (OUT)
- 4** RJ45 (LAN)



operating voltage

100 - 240V AC, 50/60Hz

operating temp

0° - 45°C (-32° - 113°F)

model name

H2

input

up to 4 cards

output

up to 2 cards

loading capacity

26 million pixels

output windows

16 x 1080p

dimensions

WIDTH | 483mm (19")

HEIGHT | 88mm (3.5")

DEPTH | 530mm (20.1")

weight

12.2kg (26.9lbs)

model name

H15

input

up to 30 cards

output

up to 10 cards

loading capacity

208 million pixels

output windows

160 x 1080p

dimensions

WIDTH | 483mm (19")

HEIGHT | 683mm (26.9")

DEPTH | 533mm (21")

weight

41.1kg (90.6lbs)

model name

H5

input

up to 10 cards

output

up to 3 cards

loading capacity

38 million pixels

output windows

48 x 1080p

dimensions

WIDTH | 483mm (19")

HEIGHT | 228.2mm (9")

DEPTH | 533mm (21")

weight

17kg (37.5lbs)

model name

H20

input

up to 40 cards

output

up to 20 cards

loading capacity

260 million pixels

output windows

320 x 1080p

dimensions

WIDTH | 483mm (19")

HEIGHT | 905.2mm (35.6")

DEPTH | 406.1mm (16")

weight

47.7kg (105.1lbs)

model name

H9

input

up to 15 cards

output

up to 5 cards

loading capacity

65 million pixels

output windows

80 x 1080p

dimensions

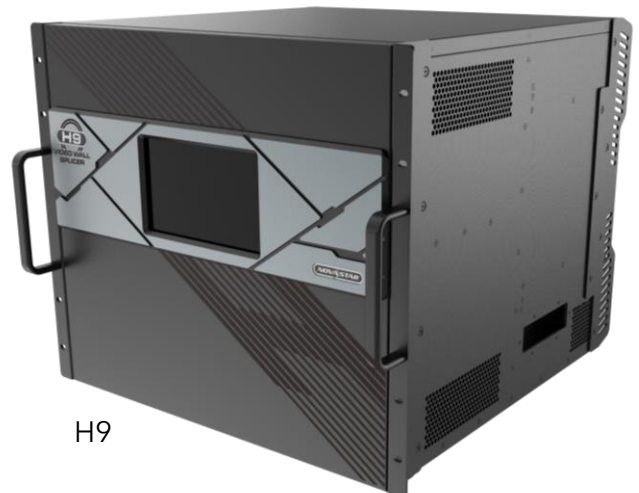
WIDTH | 483mm (19")

HEIGHT | 405.8mm (16")

DEPTH | 533mm (21")

weight

27.2kg (60lbs)



H9