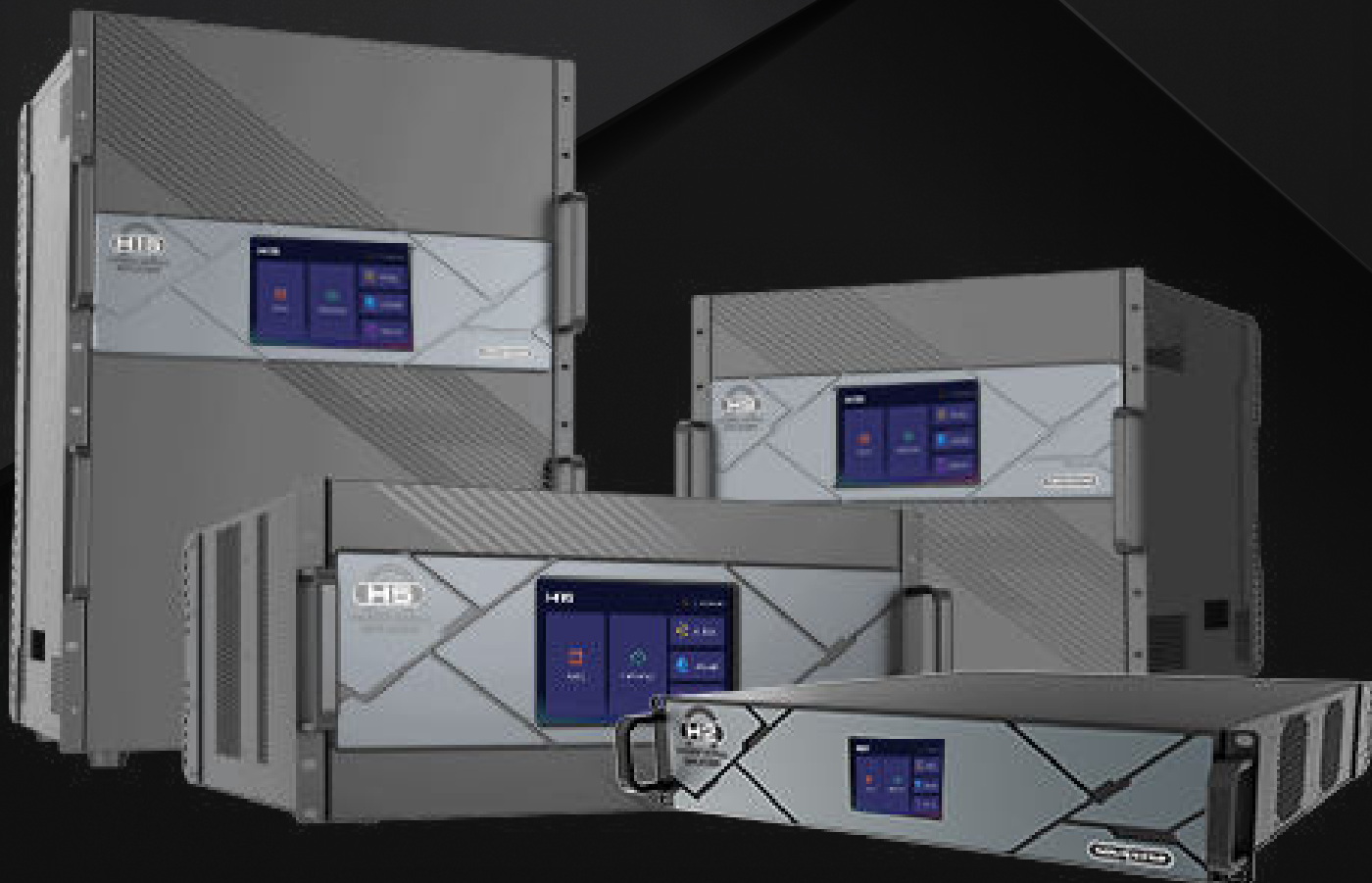


H

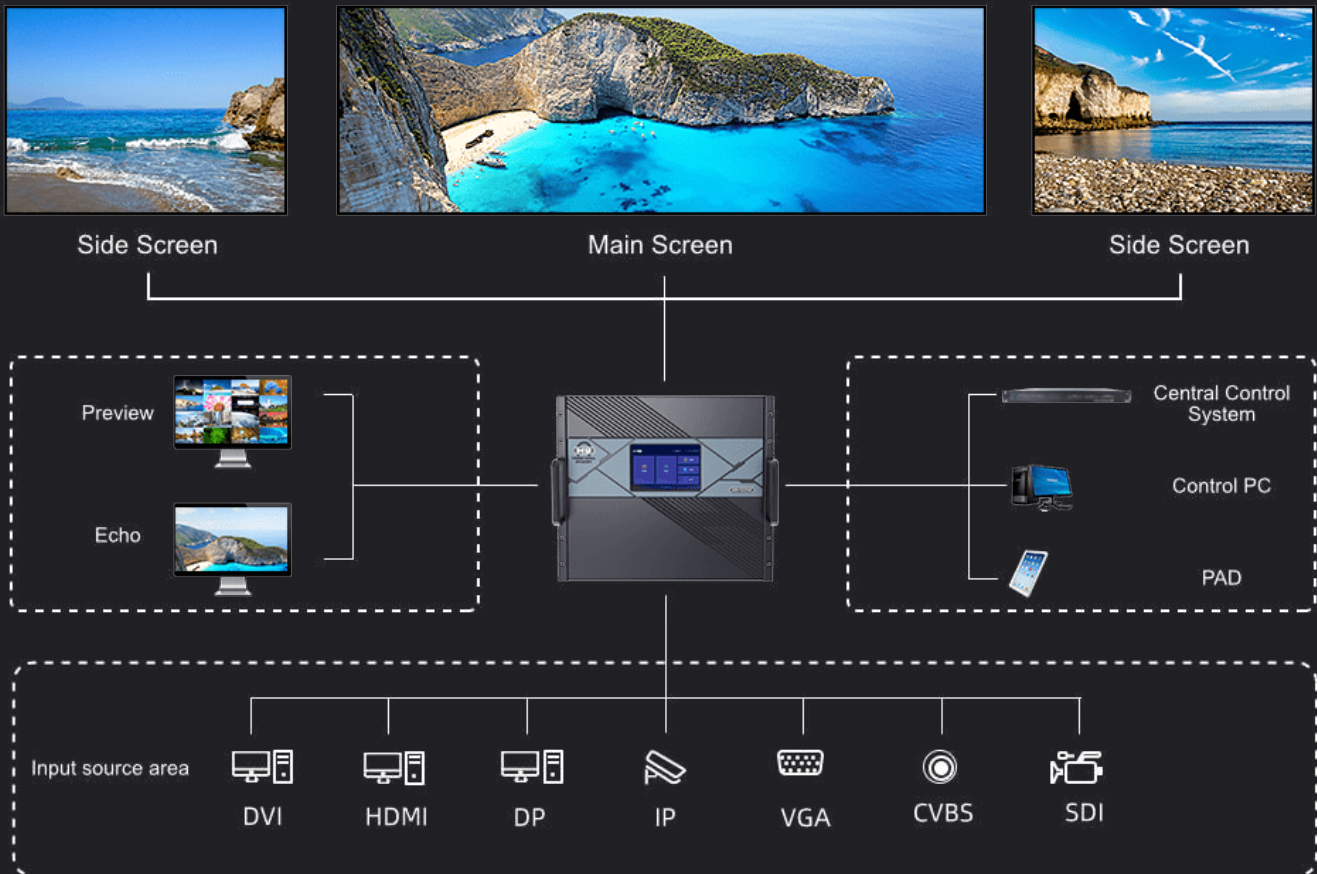
H SERIES FLAGSHIP VIDEO SPLICING PROCESSOR

H Series is NovaStar's flagship all-in-one video splicing processor, designed specifically for fine-pitch LED applications. It is the first All-in-One splicer and controller in the industry, which greatly simplifies system integration. With the leading image processing technology in the industry, H series can give you an astonishing visual effect, truly making it the perfect solution for fine-pitch LED applications.



All-in-One — Simple Design, Yet Complex Integration

While utilizing module mainframe connectivity, the H series highly integrates splice processing and display control to achieve true All-in-One, which simplifies system interconnection structure for customers. It will also reduce equipment failure rates, and improve equipment operation and maintenance to a whole new level.



Input



Output



True flexibility — Awakens new sensory experience

H series supports numerous layers with an unrestricted arrangement. Each output daughter-board provides 16 layers (Up to 16 layers maximum per port). The layers can freely cross different output loading areas while keeping layer size the same. Layers can be in any position, overlapped, or unlimited scaled. It supports functions such as image capture, layer configuration, layer flip, and more. This all helps you realize your creativity and create a captivating visual effect.



Intercept



Preset scene



Layer flip



Supports BKG and OSD layers

Super stability — Multiple safeguards for peace of mind



Hot plugs

Hot plugs for inputs and outputs and smart data recovery functions provide safety, stability, and convenient operation.



Dual power

An industrial-grade redundant power module ensures stable operation for the course of your entire application.

True 4K — Display every pixel in its intended beauty

H Series achieves true 4K (4K x 2K@60Hz, RGB 4:4:4, 10bit) signal collection, processing, and output. It can be configured with DP1.2, HDMI2.0, or other high-definition 4K daughterboards to realize ultra-high-resolution display.



Input and output signal support full 60FPS smooth processing without lag or frame loss, fully showcasing the details of the image.

30 FPS



60 FPS

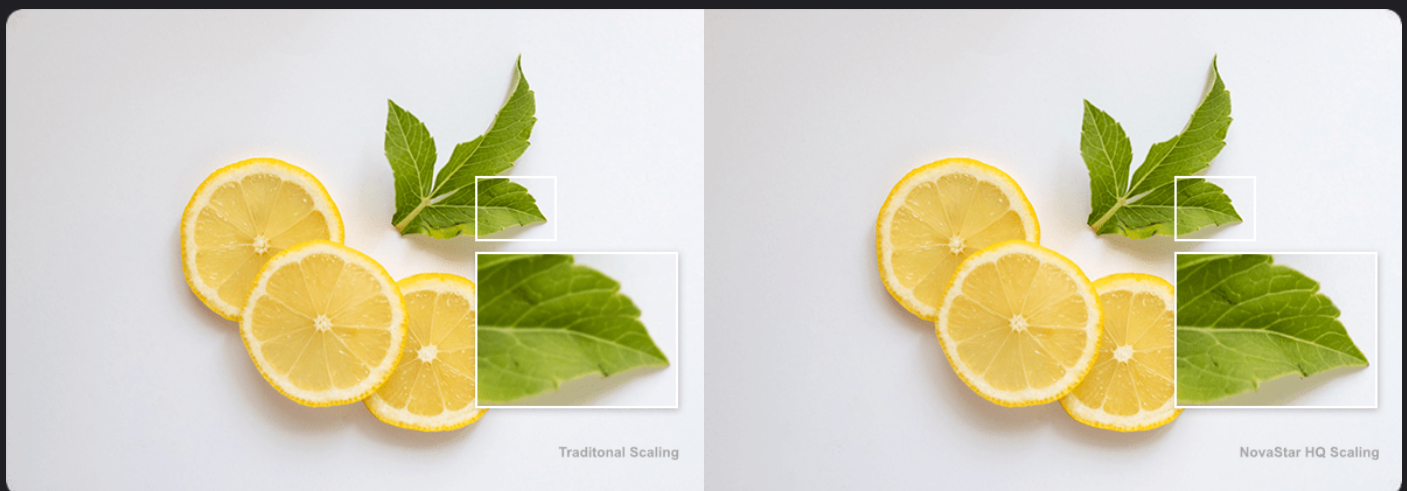


High image quality — Rebuild original vision

Support for HDR, wide color gamut transmission, high contrast, and abundant colors, those all provide more details in both light and shadow.



NovaStar's HQ high-quality scaling technology, which includes an adaptive content scaling engine.



More Features

3D

Supports 3D display

EDID

Supports EDID and sequence management



Supports BKG and OSD layers



Supports special shaped splicing



Supports input monitoring and output display readback



Supports web and mobile control

Specification Parameter

| Model | H2 | H5 | H9 | H15 | H20 |
|--|---|---------------------|---|---|--------------------|
| Rack Unit | 2U | 5U | 9U | 15U | 20U |
| Max. Loading Capacity (H_20xRJ45 sending card) | 26 million pixels | 39 million pixels | 65 million pixels | 130 million pixels (H15) 208 million pixels (H15 Enhanced) | 260 million pixels |
| Max. Loading Capacity (H_4xfiber sending card) | 41.6 million pixels | 62.4 million pixels | 104 million pixels (H9) 208 million pixels (H9 Enhanced) | 208 million pixels (H15) 332.8 million pixels (H15 Enhanced) | 416 million pixels |
| Max.Output | Max. width: 2560 pixels, Max. Height: 2560 pixels (Single video connector) Max. width: 10752 pixels, Max. Height: 10752 pixels (Single Ethernet port) Max. width: 16384 pixels, Max. Height: 16384 pixels (Single OPT port) | | | | |
| Max. Input Cards | 4 | 10 | 15 | 30 | 40 |
| Max. Output Cards | 2 | 3 | 5 (H9) 10 (H9 Enhanced) | 10 (H15) 16 (H15 Enhanced) | 20 |
| Irregular Mosaic | ✓ | ✓ | ✓ | ✓ | ✓ |
| Max. Layers | 16 layers per card | | | 16 layers per card (H15) 10 layers per card (H15 Enhanced) | 16 layers per card |
| Max. Presets | 2000 (Preset playlist playback supported) | | | | |
| Permission Management | ✓ | ✓ | ✓ | ✓ | ✓ |
| Input and Output Monitoring (H_2xRJ45+1xHDMI1.3 preview card required) | ✓ | ✓ | ✓ | ✓ | ✓ |
| Optional Power Supply | — | ✓ | ✓ | ✓ | ✓ |
| Central Control | TCP/IP and RS232 | | | | |



**CÔNG TY CỔ PHẦN PHÁT TRIỂN
ĐẦU TƯ THƯƠNG MẠI VÀ DỊCH VỤ HỒ GIA**

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Zalo



Website



Tiktok