

J6

Multi-Screen Splicing Processor



Developed by NovaStar, J6 is the latest high-performance multi-screen splicing processor featuring enhanced image processing. Based on a powerful FPGA processing platform, J6 supports quick seamless switch of any input source and supports transition effects such as fade, etc., allowing you to experience more flexible screen layouts.

In addition, J6 can work with the new smart management software V-Can to enable more screen splicing effects and better satisfy your needs.

Features

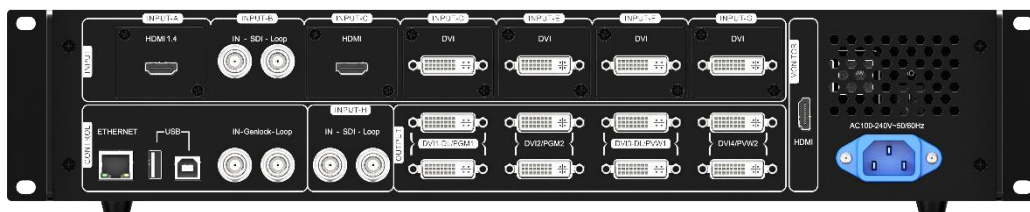
- Supports a wide range of video inputs divided into 4 groups with 8 connectors, including 1 × HDMI (or VGA, or DVI), 4 × DVI, 2 × SDI, and 1 × DualLink DVI (or HDMI 1.4, or DP1.1).
- The input resolution of Input A supports 4K×2K@30Hz. Other inputs support 1920×1080@60Hz which are downward compatible.
- Supports 5 × outputs, including 4 groups with 8 DVI connectors for splicing output, and 1 × HDMI preview output.
- The preview connector supports preview of PVW, PGM and 8 × input signals.
- Output resolution is settable. The splicing width of 4 channels can be up to 15360×600.
- Up to 6 windows can be displayed simultaneously and the resolution of each window is up to 7680×1080@60Hz. J6 also supports one OSD of up to 4K×2K, which can be images or texts.
- The window position, size, etc. are adjustable, and each window can be added with borders of custom color and widths.
- Besides the 6 built-in preset templates, up to 16 user presets can be created and saved as templates. All the presets can be used directly and easily.
- Provides 21 transition effects to enhance and present images with professional quality.
- An intuitive color LCD on the front panel and clear button indicator lights simplify the system control operations.
- Supports Genlock synchronization, allowing you to choose any input source or external synchronization signal to achieve vertical synchronization.

Appearance

Front Panel



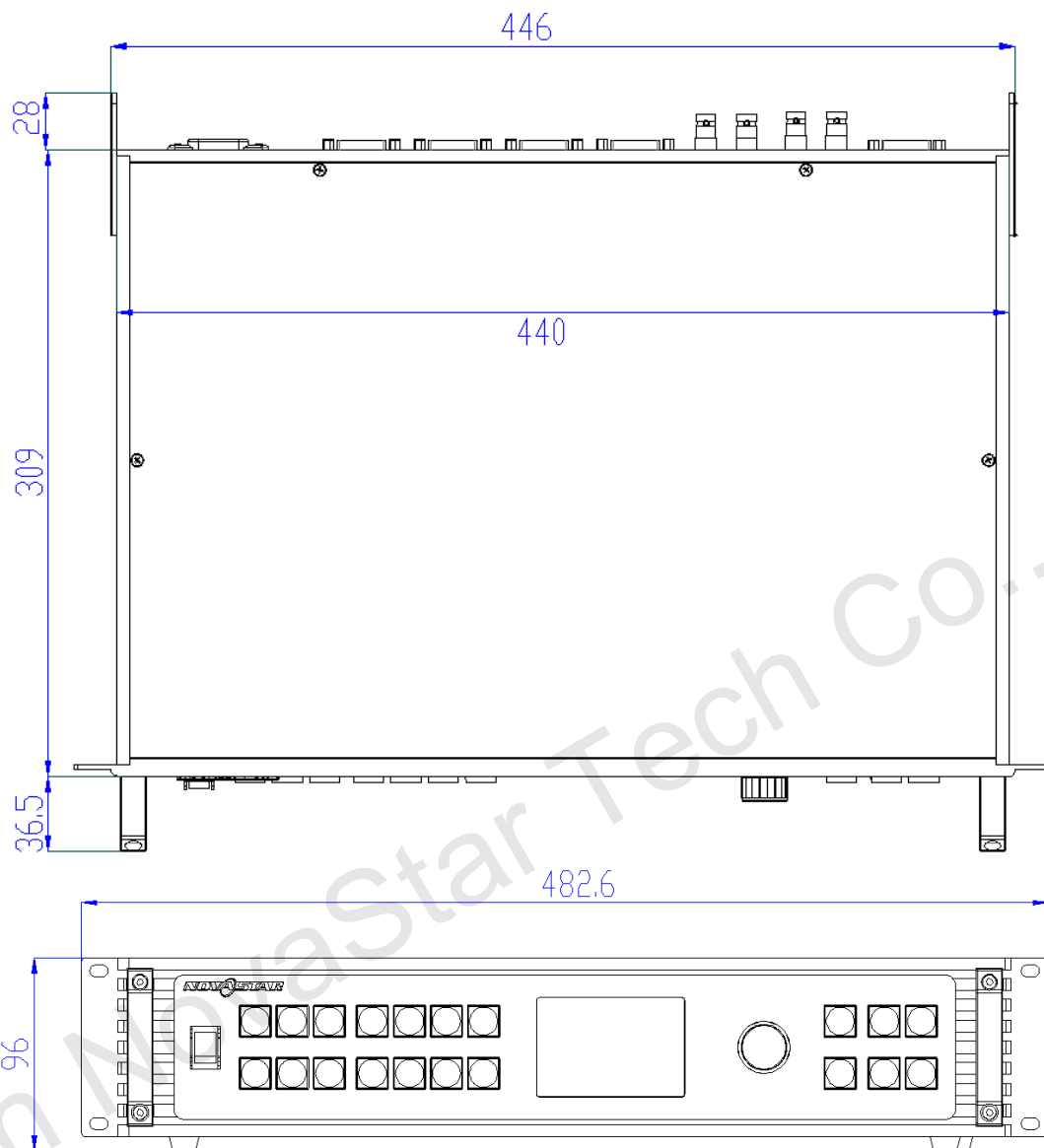
Rear Panel



Specifications

Inputs		
Connector	Qty	Specifications
Duallink DVI/HDMI1.4/DP1.1 (Choose one from these inputs)	1	Supports 4K×2K@30Hz, 2560×1600@60Hz (downward compatible)
DVI (DVI-D)	4	VESA standard 1920×1080@60Hz (downward compatible)
HDMI/VGA (DB25)/DVI (DVI-D) (Choose one from these inputs)	1	VESA standard 1920×1080@60Hz (downward compatible)
SDI (BNC)	2	720p, 1080p
Outputs		
Connector	Qty	Specifications
DVI (DVI-D)	4 groups (8 channels)	Maximum supported resolution of each connector: 1080p (DualLink output is available for DVI1 and DVI3.)
SDI Loop (BNC)	2	480i, 576i, 720p, 1080i/p (3G SDI), same as SDI input
HDMI (Type A)	1	Supported output resolution: 1920×1080@60Hz
Control		
Port	Qty	Description
ETHERNET (RJ45)	1	Control port
USB (Type-B)	1	Control port for connecting upper computer
USB (Type-A)	1	Port for cascading more J6 units
Overall Specifications		
Input power	AC 100V–240V, 50/60Hz	
Power consumption	50 W	
Operating temperature	-20°C–60°C	
Dimensions (L × W × H)	482.6 mm × 373.5 mm × 96 mm	
Weight	4.66 kg (10.27 lb)	

Dimensions



J6 Dimensions (mm)



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