

Modular Video Wall Controller 3D/4K Pixel-to-Pixel Large Scale Solution



MODEL **VD4**

- Customize Output Resolution by Module
- EDID Management
- 3D Splicing and Switching
- Pixel-to-Pixel Splicing of Multi-channel 4K Input
- Visualization Software
- IPAD Control
- Projection Edge Blending
- Display up to 8 Layers by Single Port
- Expandable I/O slots
- Redundant Power Supply

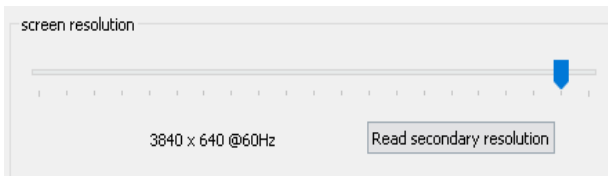
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FEATURES

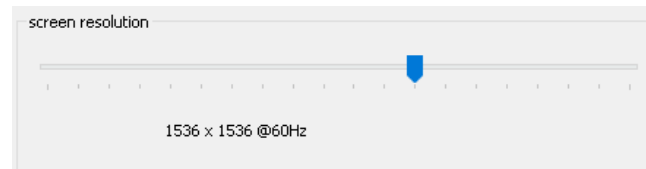
Customize Output Resolution by Module

Each installed module can be independently configured for resolution within 3840 in horizontal and 2048 in vertical. One unit Support multiple Screen with different resolution.



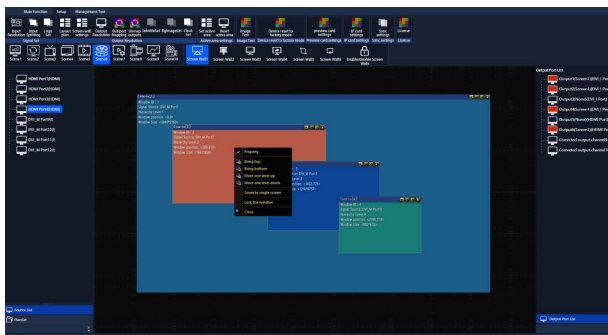
EDID Management

Customize input EDID: Support program PC to identify customized resolution, makes "Pixel by Pixel" much easier



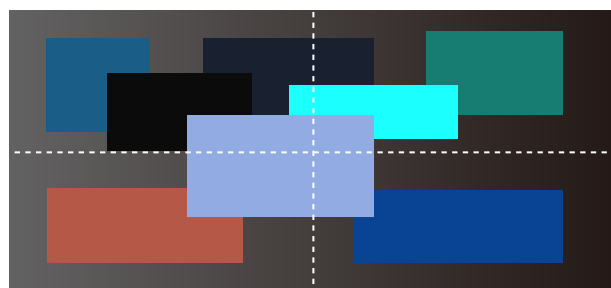
Visualization Software

Input & Output virtual preview by software. Ideal for real-time editing.



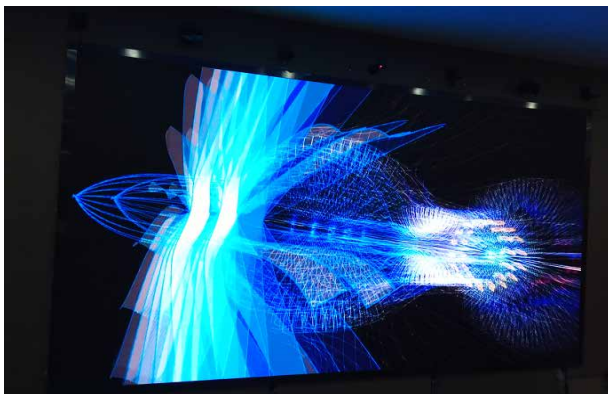
Display up to 8 Layers by Single Port

One single port of the output module supports 8 images at the same time. Total 8 layers processing, support any overlapping at any position on the video wall.



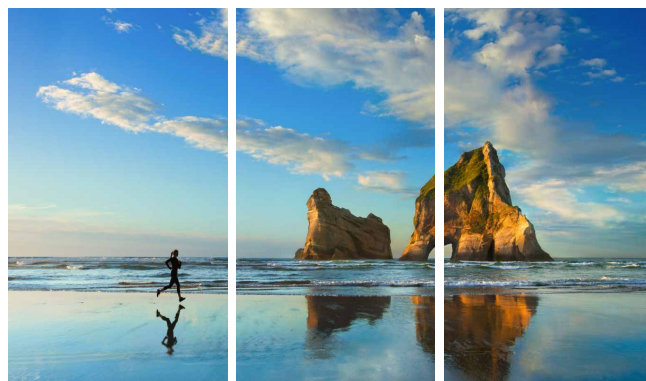
3D splicing

Support left and right eye 3D splicing mode, 120HZ input and output 3D splicing mode. With internal Genlock 3D seamless split fusion, Switching between 2D and 3D switching between 2D and 3D mode could be done by software.



4K Pixel-to-Pixel Splicing

support multi-channel 4K input to realize wide range screen pixel to pixel splicing with internal Genlock Sync.



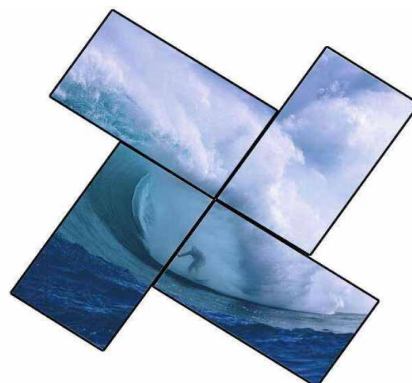
Control through iPad

Wireless control via iPad, support different preset switching. Offer Open API for third party control.



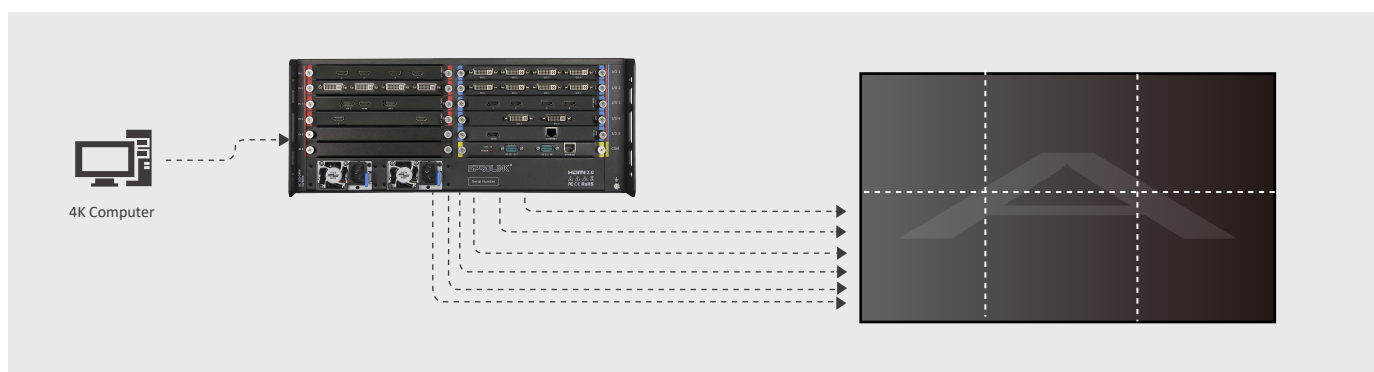
0-360 degree rotation splicing

Support any degree (0-360) rotation splicing between different sizes, different screen LED/LCD/Projectors.

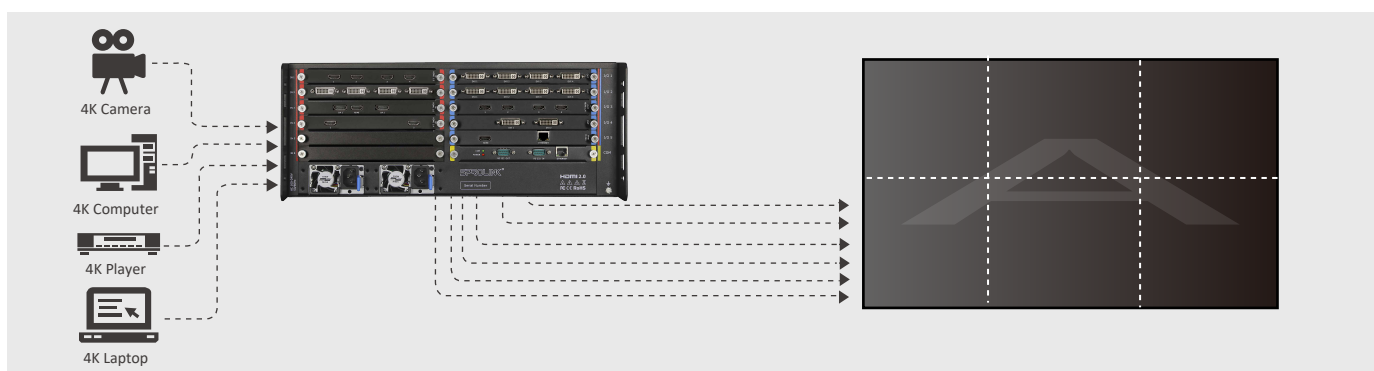


SOLUTIONS

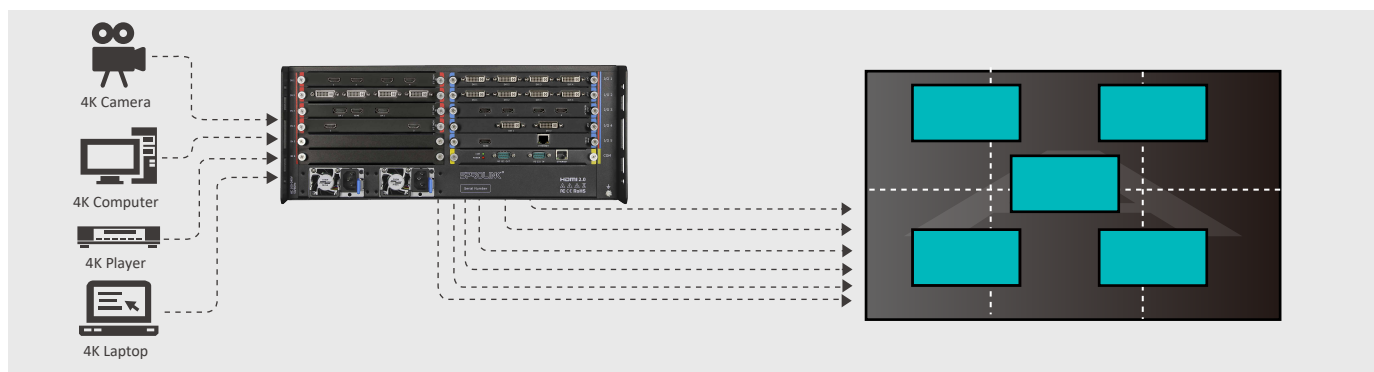
Solution 1: One input to multiple outputs in scaling mode



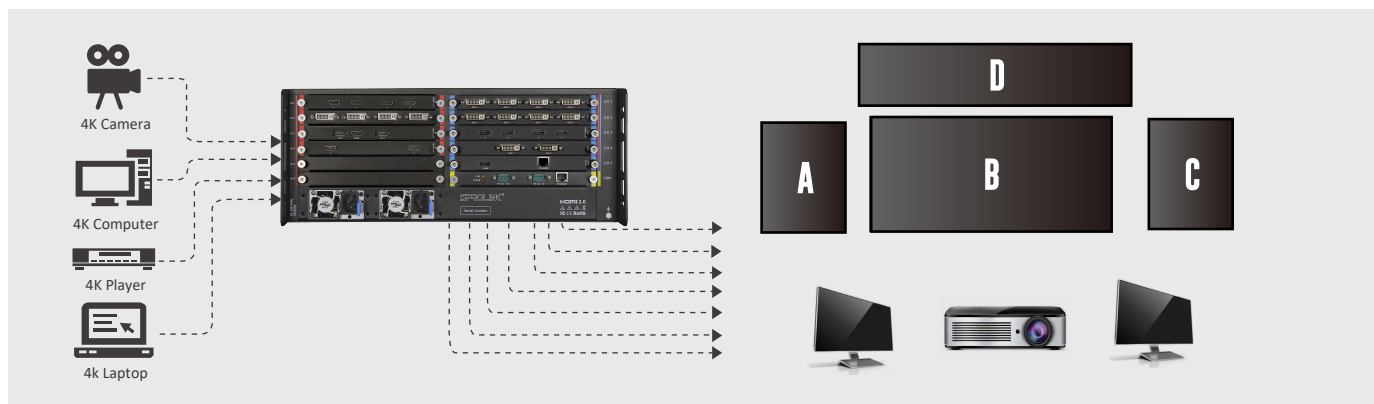
Solution 2: Multiple inputs and outputs in pixel to pixel splicing mode

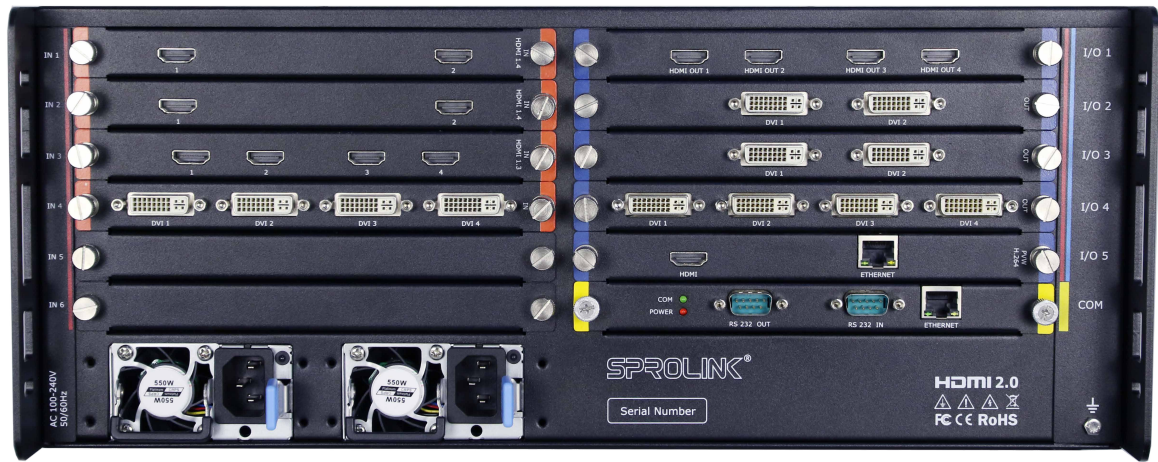


Solution 3: Multiviewer and video wall controller all-in-one function



Solution 4: Connect to LED, LCD or projection screen in matrix mode





SPECIFICATIONS

Input module	4 x HDMI 1.3		Resolution: 2K
	2 x HDMI 1.4		Resolution: 2K\4K2K@30Hz
	2 x 4K@60Hz HDMI /DP		Resolution: 2K\4K2K@30Hz\4K2K@60Hz
	4 x HDbaseT		Resolution: 2K
	4 x DVI-M		Resolution: 2K
	2 x IP 1 x USB		Resolution: 2K
	2 x DP1.1		Resolution: 4K30Hz
	4 x SDI		Resolution: 3G/HD/SD
System control card	2 x RS232 1 x RJ45		Default IP: 192.168.1.200
Device	Input voltage	AC input 100V~240V, 50/60Hz	
	Power consumption	depends on module qty	
	Storage Temperature	0-70°C	
	Storage Humidity	15-85%	
Output module	4 x HDMI 1.3		Resolution: 2K
	2 x HDMI 1.4		Resolution: 2K\4K2K@30Hz
	1 x HDMI 1 x RJ45		
	4 x HDbaseT		Resolution: 2K
	2 x DVI		Resolution: 2K
	4 x DVI-M		Resolution: 2K
	2 x HDMI 2.0		Resolution: Within 3840*2160@60Hz
	4 x SDI		Resolution: 2K
Dimension	3 x SDI 2 x DIN		Resolution: 2K
	Device Weight	12KG	
	Device Dimensions	485*390*180mm	
	Package Weight	15KG	
	Package Dimensions	525*440*225mm	

