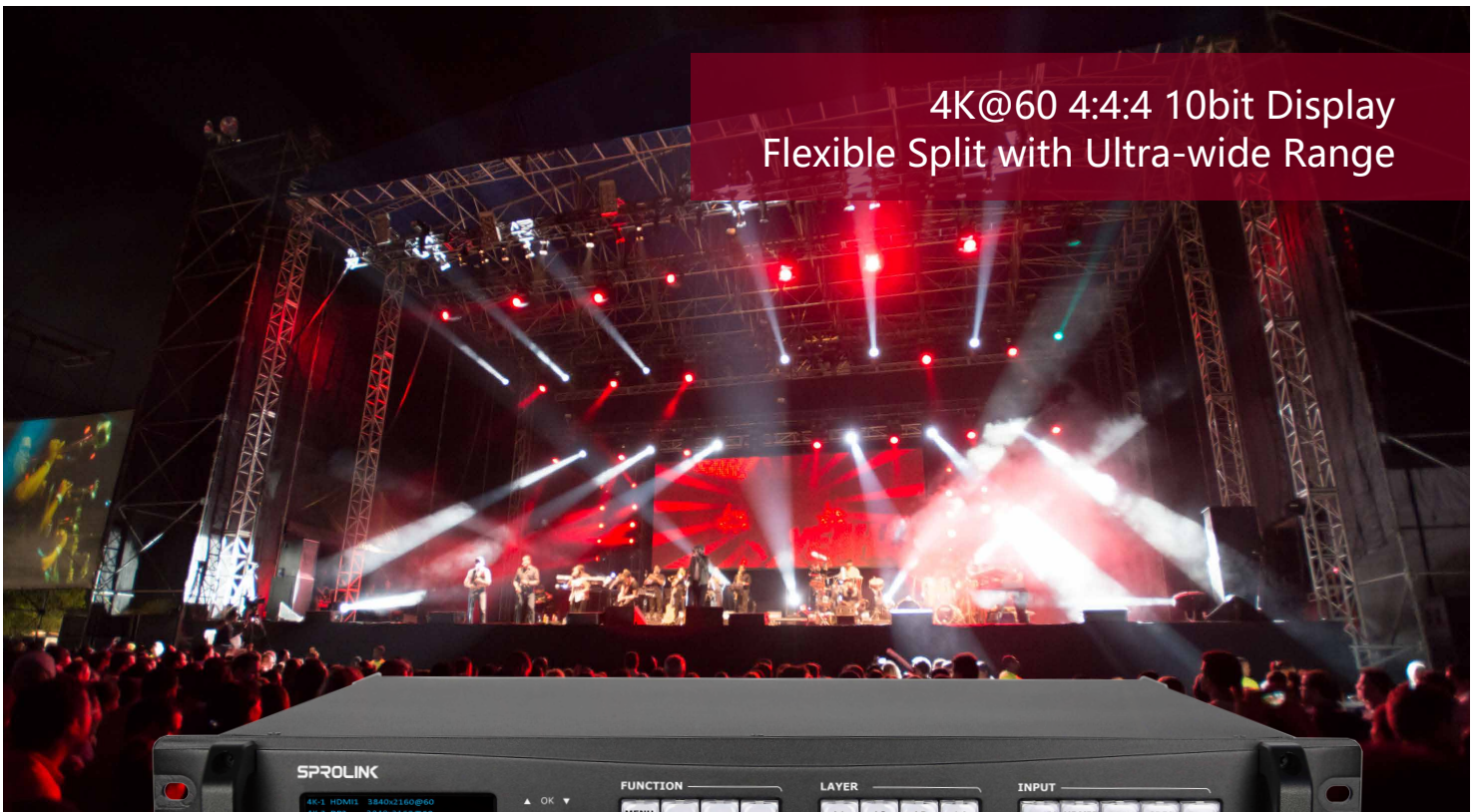


4K@60 4:4:4 10bit Display  
Flexible Split with Ultra-wide Range



## MODEL **VF1 PRO**

Inputs modular design covers various necessities

Dual output slots offer 4/8 DVI output channels

Support independent control & flexible splicing

Display up to 6 layers on all outputs

HDMI2.0 DP1.2 and 4K@60Hz inputs with downward capacity

Handle 8k x 2k splicing by single unit

Fade in Fade out switching between any input channel

Monitoring all outputs by single port

Flexible image quality adjustment

# SPROLINK®

[www.sprolink.com](http://www.sprolink.com)

# INTRODUCTION

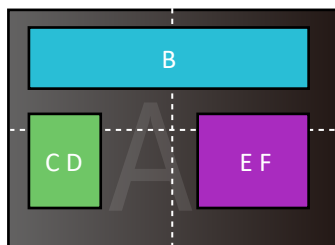
VF1 PRO is a fully modular 4K signal seamless switcher and splicing processor. It inherits the superior performance of VF1, can support 4/8 DVI output channels independent control or splicing. With the advanced SPROLINK technology, VF1 PRO can support 6 layers in maximum, which can cope with various display application requirements. Supporting up to 6 UHD inputs and 4 traditional 2K signal inputs. Realizing perfect fade in fade out transition between any input channel. It is one of the high-end 4K video processors for broadcast display control.



## KEY FEATURES

### Advanced Layering Capacity

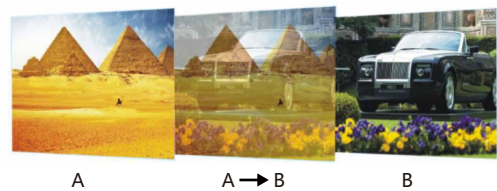
Support up to 4 layers free roaming with 2 layering PIP. support layer overlay, border adjustment and color adjustment. Catering for multiple display requirement.



### Fade in Fade out Transition

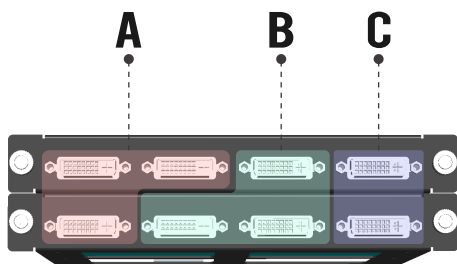
Any 4K or 2K layer fade in fade out switching. Support Seamless switching between any input channel. Ensure no black or flashing during signal switching

Fade-in/Fade-out



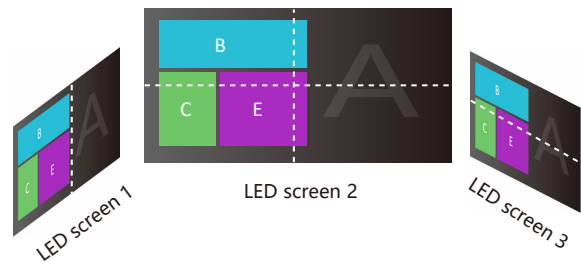
### Flexible Splicing

Divide 4 or 8 DVI outputs to any group for flexible splicing. Support multiple output mapping on multiple Screens.



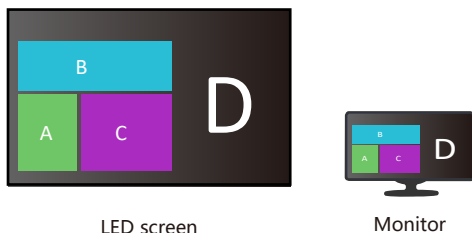
### Layout Scaling

Support layout scaling. Display same layout on multiple screens in any screen size.



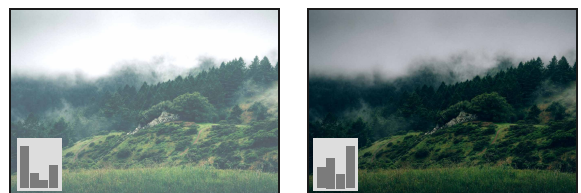
### Monitoring on Single Port

Assign any output as monitor port. Realize all outputs monitoring as simple as one-click. Ensure broadcast control security.



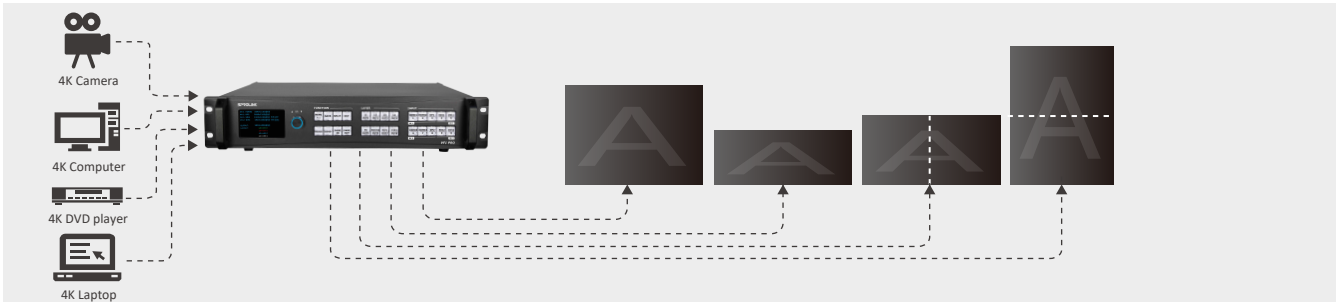
### Image Quality Adjustment

Support Brightness | Color Temperature adjustment on layers and outputs. Ensure the display achieves the best performance under current conditions.

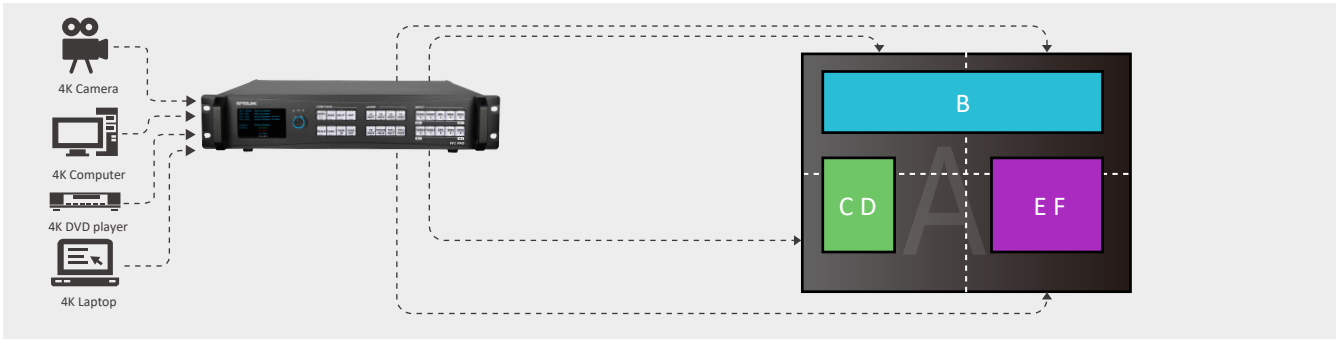


# PRODUCT APPLICATIONS

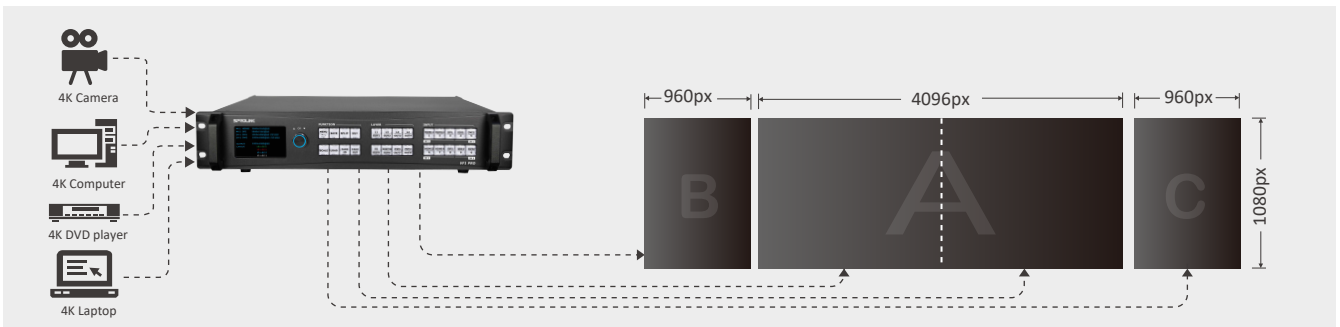
Project 1: Independent control for 4 set of screens.



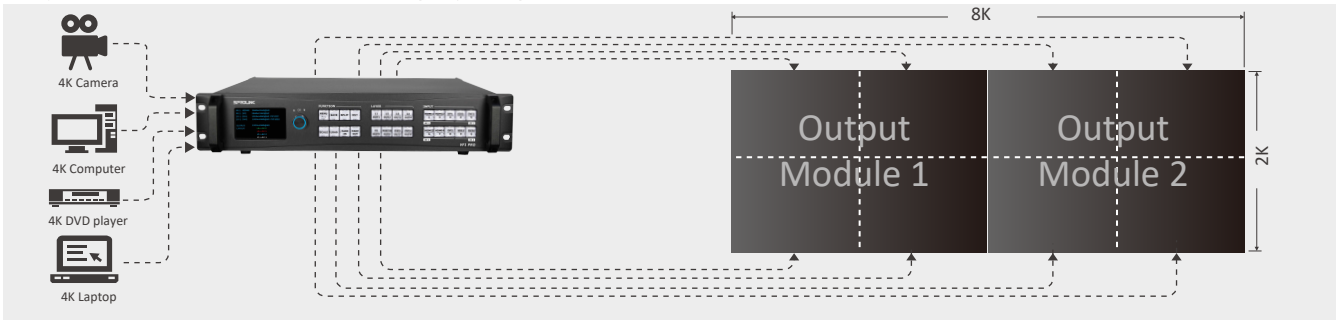
Project 2: Realize 6-windows display after splicing.



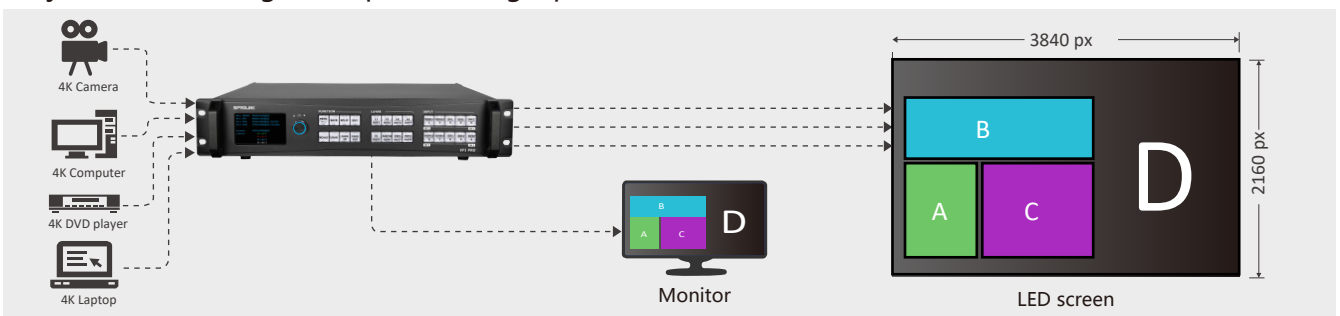
Project 3: Main screen splicing and side screen flexible control.



Project 4: Realize 8K x 2K splicing by single unit.



Project 5: Monitoring all outputs on single port





## SPECIFICATION

Connections	Input	4K	Standard	4K-1	2x HDMI 2.0 (HDCP2.2)	1x DisplayPort 1.2
				4K-2	2x HDMI 2.0 (HDCP2.2)	1x DisplayPort 1.2
		2K	Optional	2K-1	1x 3G-SDI	1x DVI(Compatible with VGA)
				2K-2	1x 3G-SDI	1x DVI(Compatible with VGA)
	Output	Standard		4x DVI		
		Optional		4x DVI		
Control	LAN		1x RJ45			
	USB		1x USB Type A			
	RS232	IN	1x RJ45			
		LOOP	1x RJ45			
Input Resolution	4K	HDMI 2.0	SMPTE: 480i   576i   720p   1080i   1080p   4K 1K   2160p VESA: 1024x768   1280x720   1280x800   1280x960   1280x1024   1400x1050   1600x1200   1920x1080   1920x1200   2048x1152   2560x1600   3840x1080   3840x2160   4096x2160			
		DP1.2	SMPTE: 480i   576i   720p   1080i   1080p   4K 1K   2160p VESA: 1024x768   1280x720   1280x800   1280x960   1280x1024   1400x1050   1600x1200   1920x1080   1920x1200   2048x1152   2560x1600   3840x1080   3840x2160   4096x2160			
	2K	3G-SDI	480i   576i   720p   1080i   1080p   1080psf			
		DVI	VESA: 800x600   1024x768   1280x1024   1600x1200   1920x1080   1920x1200   2048x1152			
Output Resolution	SMPTE		720p   1080p			
	VESA		1024x768   1280x1024   1400x1050   1600x1200   1920x1080   1920x1200   2048x1152   2560x816   1024x1280   1152x1152   1280x1280   1536x1536   2560x1024   2560x1600   3840x540   3840x1080*			
Support Protocol	HDMI		1.3   1.4   2.0			
	DisplayPort		1.1   1.1a   1.2			
	DVI		1.0   1.1			
	VGA		VGA-UXGA			
	SDI		SD-SDI   HD-SDI   3G-SDI			
Input Voltage Max Power	AC 100~264V (Typical 110/220)					
	50/60Hz					
	20W					
Temperature	-25°C~55°C (Typical 25°C)					
Humidity	20%~90%					
Weight	Device Weight		3.0kg			
	Package Weight		6.6kg			
Dimensions	Device Dimensions		480mm x 320mm x 67mm			
	Package Dimensions		540mm x 380mm x 140mm			

## PRODUCT CODE

Product Code	Item	Description
P180-VFP-000-01	VF1 PRO	2U 4K@60HZ Pro Presentation Switcher.Includes Inputs: 2 x DP 1.2 & 4xHDMI 2.0; Outputs:4 x DVI
P180-VFP-001-01	4K Input	2 x HDMI 2.0, 1 x DP 1.2 inputs for VF1 PRO
P180-VFP-002-01	2K Input	1 x DVI, 1 x SDI inputs for VF1 PRO
P180-VFP-001-02	DVI Output	4 x DVI outputs for VF1 PRO

