

SPROLINK®

CREATIVE VIDEO REVOLUTION



VF1 PRO

**4K@60HZ 4:4:4 10 BIT PROCESSING CAPABILITY
MAXIMUM 6 PIPS & FADE IN FADE OUT SWITCHING**

1 FEATURES

- 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

2 INTRODUCTION

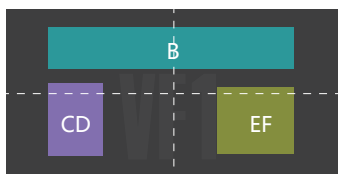
VF1 PRO is a fully modular 4K signal seamless switcher and splicing processor. It inherits the superior performance of VF1, can support 4/8 DVI output channels independent control or splicing. With the advanced SPROLINK technology, VF1 PRO can support 6 layers in maximum, which can cope with various 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.



3 KEY FEATURES

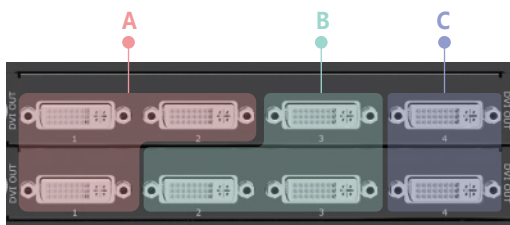
Advanced Layering Capacity

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



Flexible Splicing

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



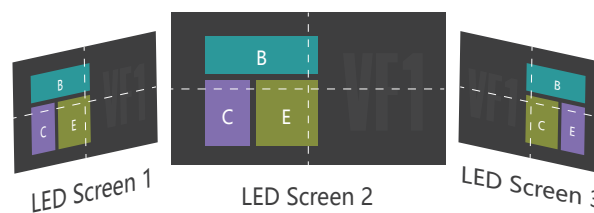
Fade in Fade out Transition

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.



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.



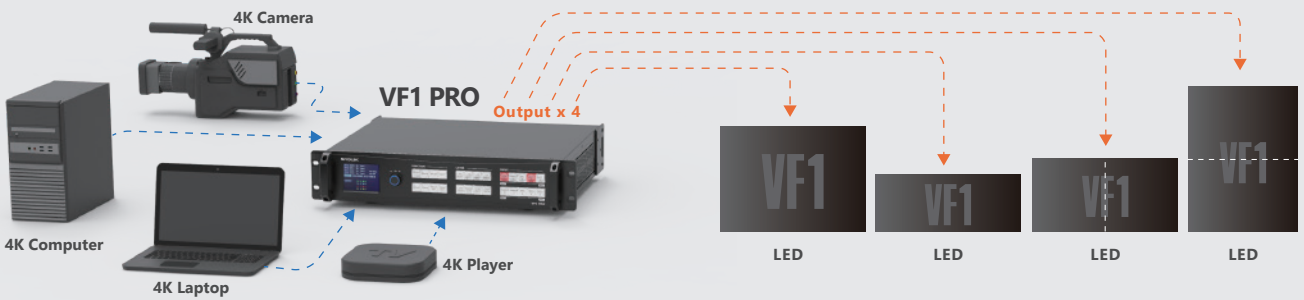
Image Quality Adjustment

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

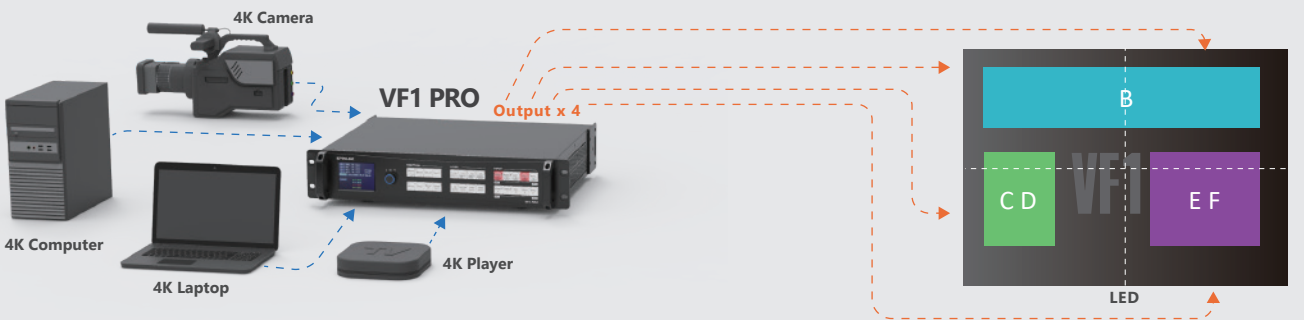


4 SOLUTIONS

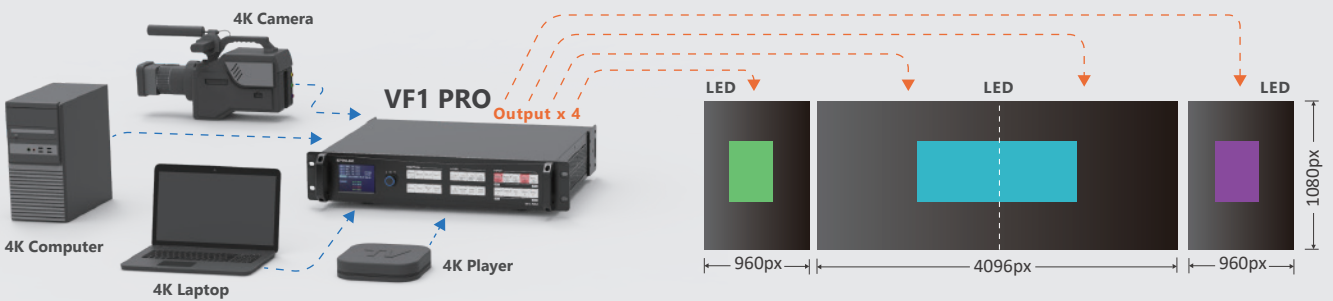
Project 1: Independent control for 4 set of screens.



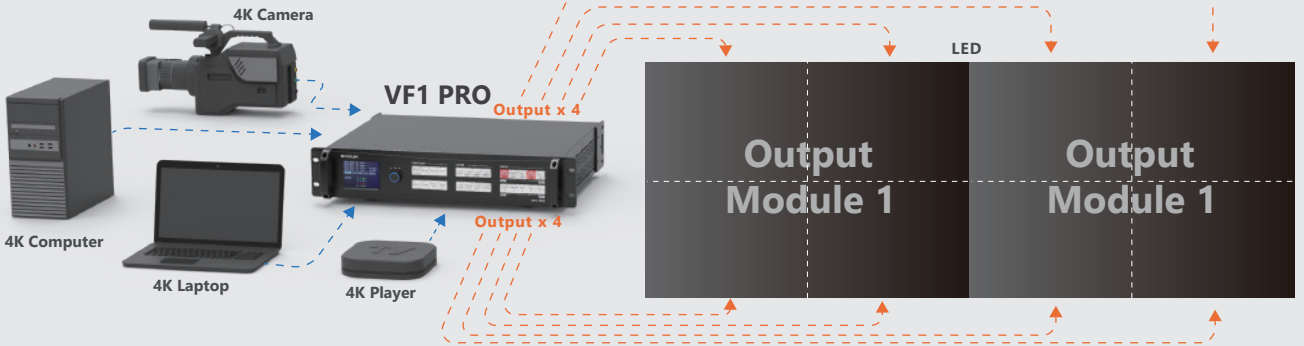
Project 2: Realize 6-windows display after splicing.



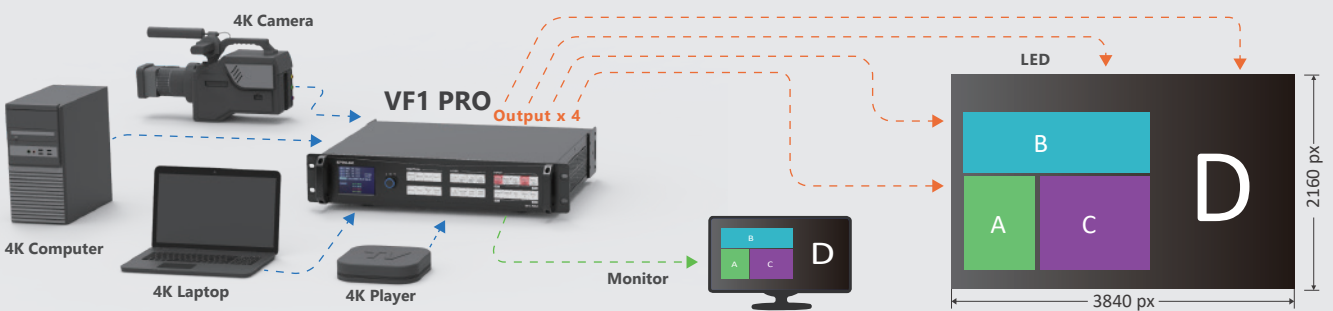
Project 3: Main screen splicing and side screen flexible control.



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



Project 5: Monitoring all outputs on single port



5 SPECIFICATION

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 1024x1280 1152x1152 1280x1280 1536x1536				
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		8.2kg				
	Package Weight		10.2kg				
Dimensions	Device Dimensions		480mm x 350mm x 90mm				
	Package Dimensions		525mm x 490mm x 185mm				

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

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