

4K@60Hz Inputs and Outputs
4K@60Hz 4:4:4 10bit Processing
Multiple Operation Mode for 4K Solution



MODEL VF4 PRO

Inputs modular design covers various necessities

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

Dual-Channel HDMI2.0 4K@60Hz Output

Display up to 6 layers

Fade in Fade out switching between any input channel

Support 4 operation mode for various 4K solution

Flexible image quality adjustment

Cascade split with strict synchronization

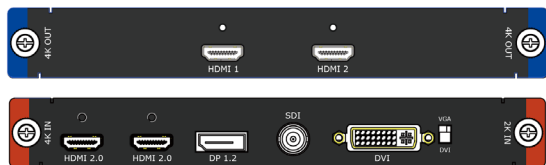
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KEY FEATURES

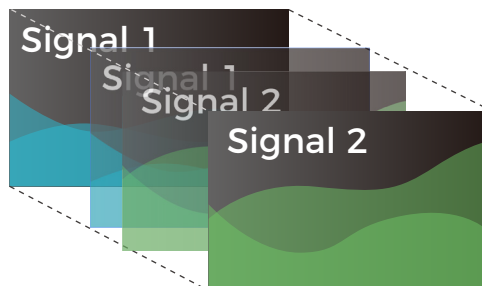
Complete 4K@60Hz Solution

Support 4xHDMI2.0 | 2xDP1.2 4K inputs 2x3G-SDI | 2xDVI 2K inputs. With 2 Channel HDMI 2.0 output, VF4PRO offers the complete solution for 4K in full frame rate.



Seamless Switching

Support seamless switching between any input channel. No black or flicker during the transition.

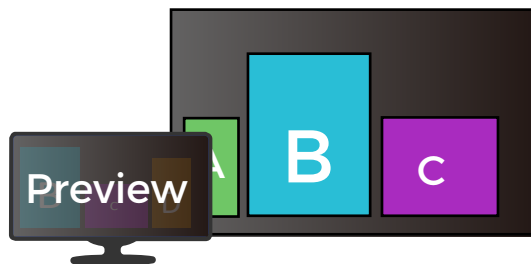


Multiple Operation Mode

VF4PRO built-in multiple working mode for various 4K solution. Make the full use of dual-channel HDMI 2.0 output.

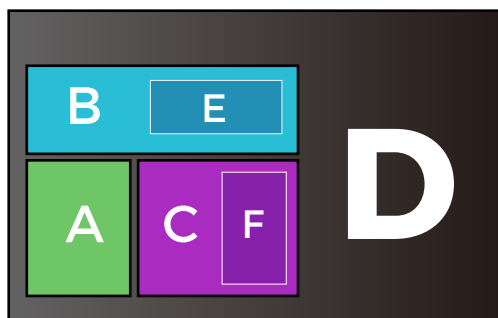
Preview Mode:

Pure fade in fade out transition between different preset on PGM.



Standard Mode

Support 6 layers display.



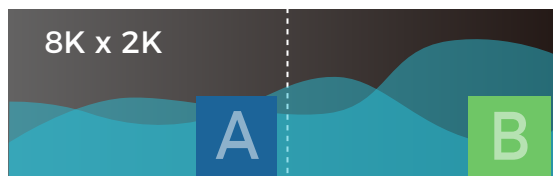
Independent Mode

Individual control for each HDMI port.



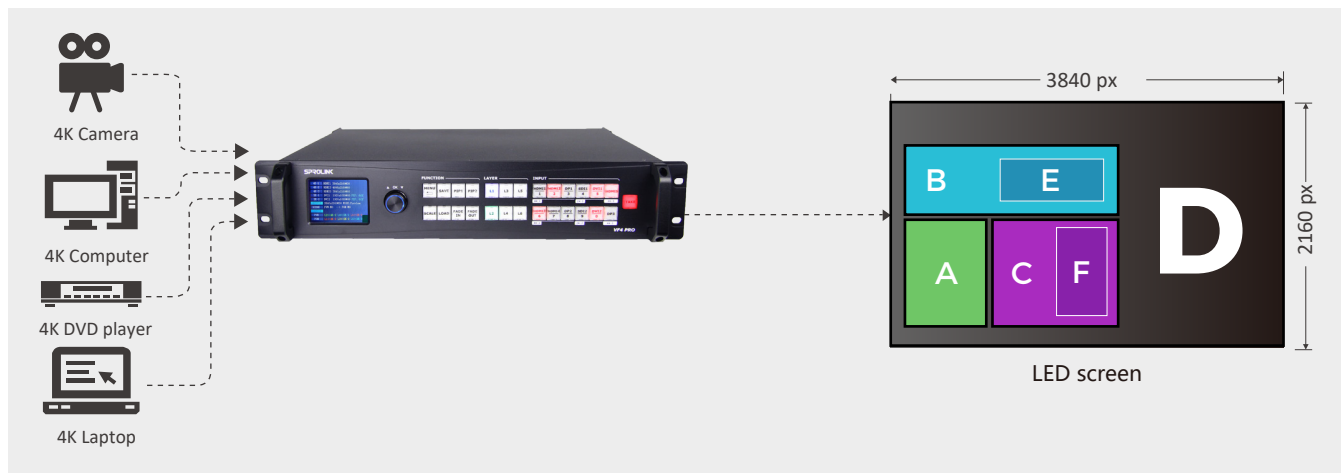
Split Mode

Realize 8Kx2K splicing with dual-channel HDMI port.

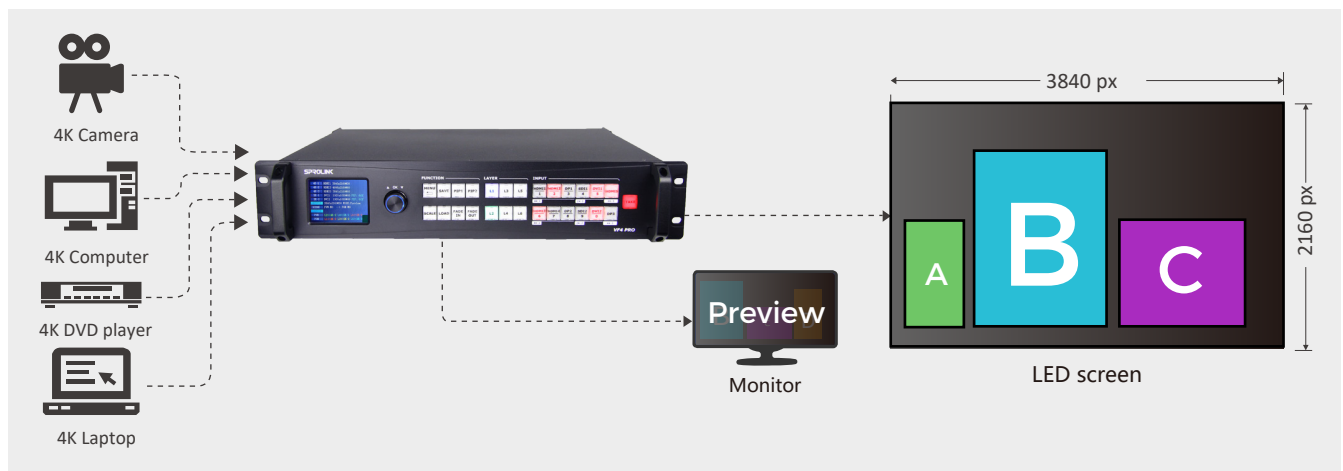


PRODUCT APPLICATIONS

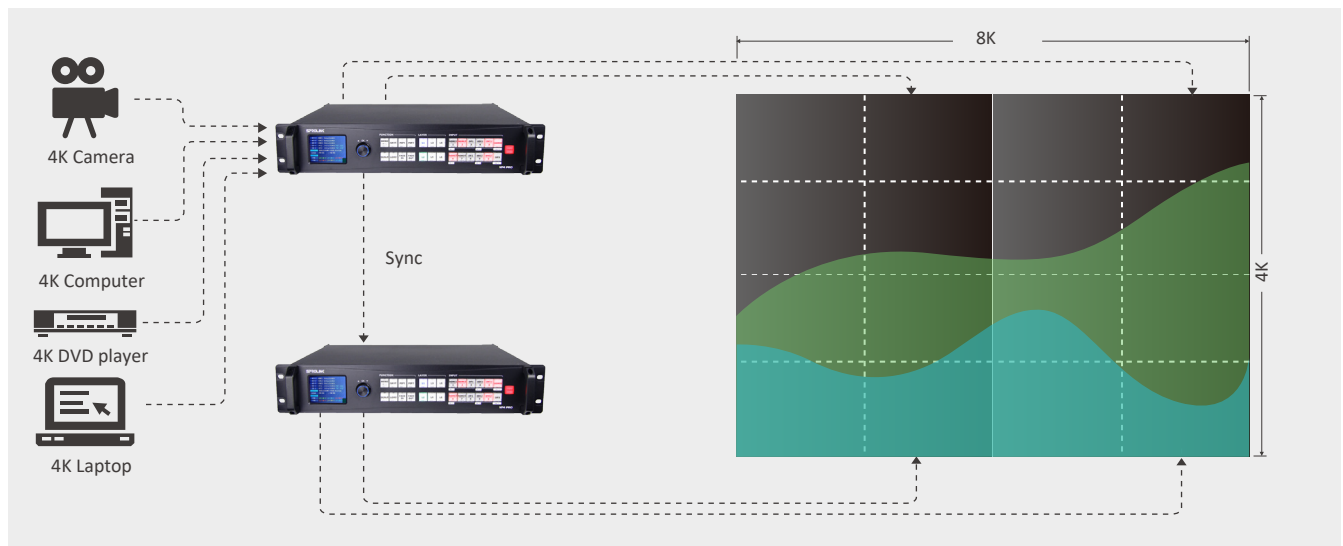
Application 1: Multiple layers free roaming on 4K screen.



Application 2: Preview the preset in monitor. Use TAKE button to trigger fade transition on PGM.



Application 3: Cascade splicing for 8Kx4K pixel by pixel mapping.





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
			Optional	4K-3	1x HDMI 2.0 (HDCP2.2)	1x DisplayPort 1.2
					1x HDMI 2.0 (Loop for 4K-3)	
		2K	Optional	2K-1	1x 3G-SDI	1x DVI(Compatible with VGA)
				2K-2	1x 3G-SDI	1x DVI(Compatible with VGA)
	Output	Standard		2x HDMI 2.0		
	Control	LAN		1x RJ45		
		USB		1x USB Type A		
		RS232	IN	1x RJ45		
			LOOP	1x RJ45		
		Genlock	IN	1x RJ45		
OUT			4x 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@25/30/50/60 11 oaop@23.98/24/25/29.97 /30/50/59.94/60 21 Gop@30/50/60			
	VESA		800x600@60 1024x768@60 1280x768@60 1280x800@60 11280x1024@60 1360x768@60 1366x768@60 1400x900@60 1600x1050@60 1600x1200@60 1680x1050@60 1920x1080@23.98/24/25/29.97 /30/50/59.94/60 1920x1200@60 2048x1152@60 2560x812@60 2560x816@60 2560x1600@60 3840x1080@60 3840x2160@23.98/24/25/29.97/30/50/60 4096x2160@50/60			
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			

