

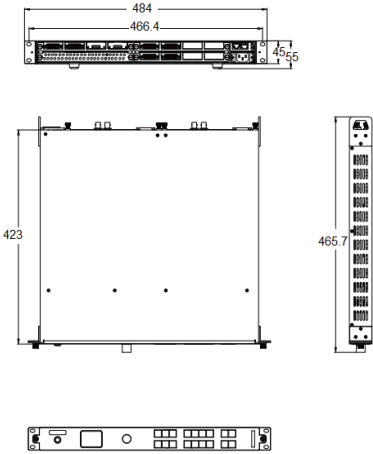
Specification

Connectors	Input	2 slots, up to 8 inputs			
		Standard with	HDMI 1.3 Module	2×HDMI-A(1 In/1 Loop)	
			DVI Module	2×DVI-I	
		Optional, select from	Dual DVI HDMI 1.4 HDMI 2.0 DP 1.2	1×DVI-I 2×HDMI-A 1×DP	
			3G SDI Module	1×BNC (1 In/1 Loop)	
			HDBaseT Module	1×RJ45	
			USB Module	1×USB-A (1 In/1 Backup)	
			HDMI1.3 Module	1×HDMI-A (1 In/1 Loop)	
	DVI Module		1×DVI-I		
	Output	Standard with	DVI Module	4×DVI-I (DVI only)	
Communication		LAN	1×RJ45		
		RS 232	1×RJ11		
	Power		1×IEC		
Performance	Input Resolutions	SDI			
		SMPTE	480i 576i 720p@50/60 1080i@59.94/60 1080p@50/59.94/60		
		DVI HDBaseT			
		SMPTE	480i 576i 720p@50/59.94/60 1080i@50/59.94/60 1080p@50/59.94/60		
		VESA	800×600@60 1024×768@60 1280×768@60 1280×1024@60 1600×1200@60 1920×1080@60 1920×1200@60 2048×1152@60		
		DP			
		VESA	800×600@60 1024×768@60 1280×1024@60 1440×900@60 1600×1200@60 1920×1080@60 2560×1440@60 3840×2160@60		
		HDMI			
		SMPTE	480i 576i 720p@50/59.94/60 1080i@50/59.94/60 1080p@50/59.94/60 2160p@50/60		
	VESA	8800×600@60 1024×768@60 1280×1024@60 1440×900@60 1600×1200@60 1920×1080@60 3840×2160@60 4096×2160@60			
	Output Resolutions	Select from below or configure customized			
		DVI HDBaseT HDMI			
		SMPTE	720p@50/59.94/60 1080p@50/59.94/60		
		VESA	800×600@60 1024×768@60 1280×720@50/59.94/60 1280×800@60 1280×960@60 1280×1024@60 1400×1050@60 1600×1200@60 1920×1080@60 2048×1152@60		
	Supported Standards	SDI	3G	DisplayPort	1.2
		HDMI	2.0	HDBaseT	1.0
		DVI	Dual Link DVI		
Power	Input Voltage	AC 85V-264V, 50/60Hz			
	Max Power	200W			
Environment	Temperature	0°C ~ 45°C			
	Humidity	10%~85%			
Physical	Weight	Net(Device)	8.5kg		
		Packaged	9.5kg		
	Dimension	Net(Device)	484mm×466mm×45mm		
		Packaged	635mm×545mm×135mm		

Order Codes

Product Code	Item
712-0004-01-0	Q4L
712-0004-02-0	Q4L-4K
190-0001-07-2	Single port 3G SDI/ loop input Module
190-0001-15-2	Single port HDBaseT input Module
190-0001-10-2	Single port USB2.0 input module
790-0004-02-0	4K input Module
790-0004-01-0	HDMI through loop input
190-0001-06-4	HDMI input Module
190-0001-04-2	DVI composite input Module
980-0004-01-0	EXT 4F IM
790-0004-21-0	DVI output Module

Dimensions



HDMI® HDCP™

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Q4L



Multi-Layer Splicing Videowall Processor





4K videowall splicing solution

Q4L and its 4K version Q4L-4K support up to 8 independent inputs, covering 4K-@60 signal processing, HDBaseT signal long-distance transmission and common 2K signal such as DVI, HDMI, SDI,USB. Q4L may be fitted with up to 4 outputs, configured in a variety of ways including for applications such as redundant backup. A fully integrated processing solution, optional output modules for RGBInk Subito LED control are available too. Ideal for videowall splicing applications as well as multi-layer video display, all Q4L signals are synchronised for seamless glitch-free video performance.



4K as Standard

Fitted standard with a 4K input module, Q4L-4K features signal support for HDMI 2.0, DisplayPort 1.2 and Dual Link DVI.

4K Splicing Output

Standard four-channel DVI output interface, Q4L can support common LED and LCD displays, also support pixel-to-pixel 4K splicing output.

Extensible Optional Input

Supporting the RGBInk consistent modular design, Q4L offers 4-channel 2K optional input modules, such as USB2.0, 3G SDI, HDMI, DVI, HDBaseT and other common interfaces, with DVI supporting also CVBS, VGA and YPbPr signals.

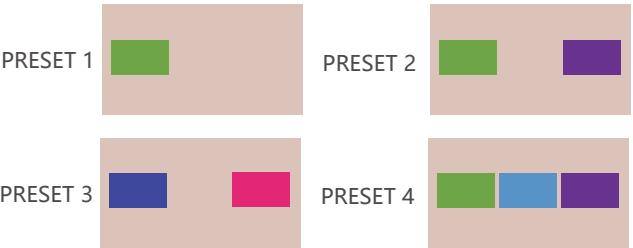
Custom Multi-Layer Splicing

The 4-way output can be spliced in any combination according to project requirements, or can be spliced in any multi-screen display template.



Switch Seamlessly

In split mode, four Q4L outputs may be used for splicing and displaying multi-layers on the splicing background. By setting different multi-layer presets, users can switch between presets in seamlessly.



Powerful Configuration & Control

Configure and control Q4L from XPOSE® - the rich UI platform for Windows and macOS. Control Q4L over Ethernet with either XPOSE or RGBInk OpenAPI which provides extensive integration opportunities with virtually any 3rd party control.



Test Pattern

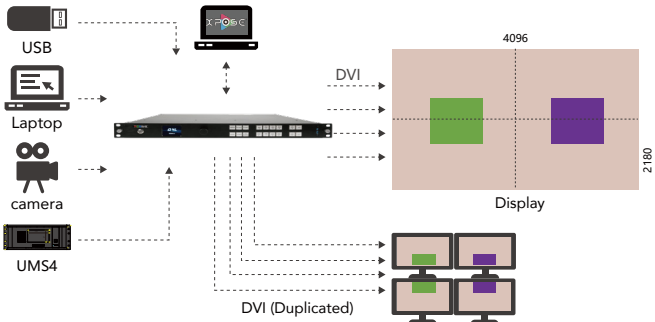
Q4L includes an on board Test Pattern generator with common patterns such as colour bars, patterns and more.

Large Display Multi-Port Splicing

Splice up to 8K wide or a full 4K display taking advantage of up to eight outputs connecting LED, LCD or projection.

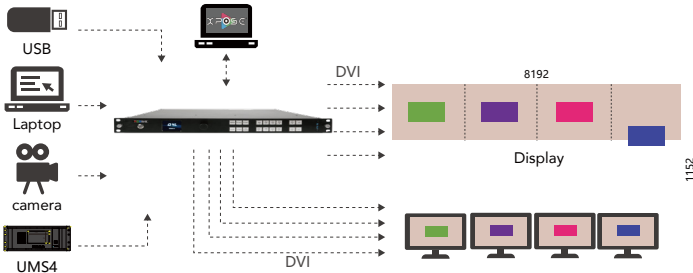
4K2K Splicing

Input a 4K UHD signal and splice tear-free across multiple 2K outputs, pixel-to-pixel and ideal for 4K LED display applications.



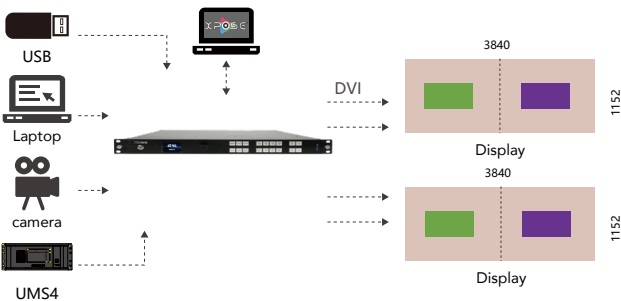
8K1K splicing

Create a display up to 8K1K across four outputs with a spliced background source and add a PIP/window per output.



Dual 4K1K Splicing

Through the splicing mode, can overlay any two 2K layers on a 4K1K background to achieve multi-screen splicing display.

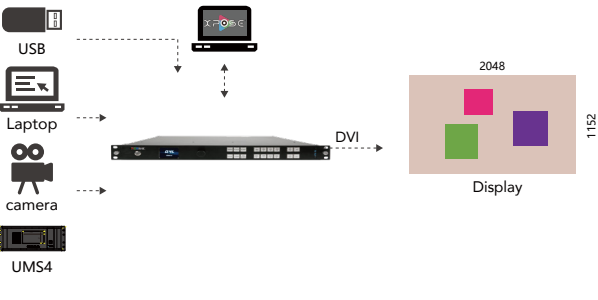


Presentation Mode

In Presentation Mode, switch multiple sources seamlessly over a background with fade-in-fade-out while maintaining a consistent video background.

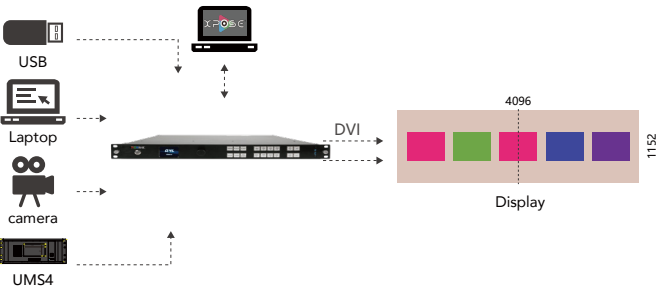
2K Presentation

Up to in total of 4 layers may be used on a single 2K DVI output display. With a dedicated background layer from one of the input (One 4K input or 2 separately 2K inputs to be used for this live input), or saved background picture, add up to 7 layers on the top of the background, in different presets.



4K1K Presentation

Create a 4K1K canvas with background and apply up to 3 PIP/layers on each of the two outputs.



6K1K Presentation

With a dedicated background layer spliced across three 2K outputs to form a 6Kx1K canvas add up to two PIP/layers per output.

