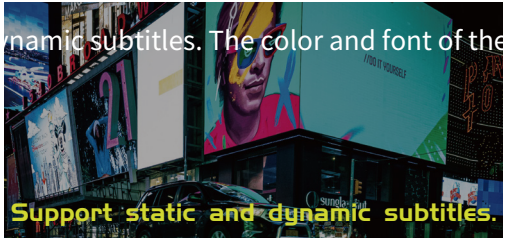


OSD Dynamic Text Overlays

Apply static and scrolling on-screen-display of text in any font, size, color, and with or without background.



3D Signal Switching

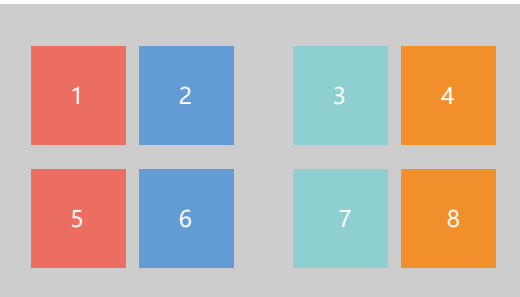
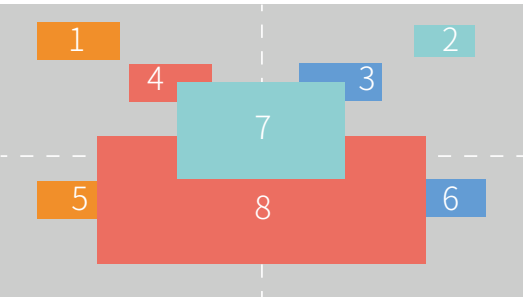
Left/Right 3D switching supported with up to 120Hz input. Internal frame lock synchronisation ensures seamless output and seamless switching between 3D and 2D is supported.



Enhanced Multi-Layers Roaming

Q16pro offers up to 8 layers/windows per output slot, with each layer able to be scaled, positioned and zoomed to requirement.

RGBlink technology now provides for layers across outputs on the same module/slot without consuming additional layers, significantly enhancing layer availability and overall capability.



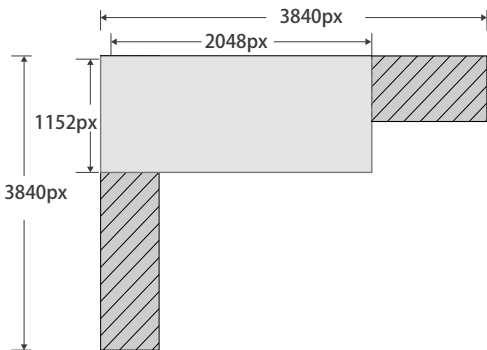
High Resolution Signals

Q16pro supports a wide range of signal types including 4K UHD/DCI signals HDMI 2.0 and DisplayPort 1.2. EDID management is available across all resolutions.



Custom Output Resolutions

Configure output resolutions on each port, including fully customised non-standard resolutions.



Model			Q16pro-4		Q16pro-8		Q16pro-14		Q16pro-18		Q16pro-26	
Specification			4U		8U		14U		18U		26U	
Numbers of input slots(MAX)			4		10		20		39		40	
Numbers of output slots(MAX)			5		10		20		20		40	
Shared slots			Output slot No.1~No.5		Output slot No.1~No.8		Output slot No.1~No.18		nonsupport		nonsupport	
Physical	Net Weight		8.25kg		15kg		20kg		25kg		40kg	
	Package Weight		12kg		20kg		25kg		32kg		50kg	
	Net Dimension		484×373×178mm		484×370×355.6mm		485×310×560mm		485×310×815mm		485×410×1175mm	
	Package Dimension		645×525×295mm		665×525×495mm		596×456×780mm		596×450×940mm		650×420×1280mm	
Physical	Input	Optional	DVI Composite Module		4×DVI-I (compatible with HDMI/DVI/VGA/Y/Pr/CVBS)				HDMI 1.3		4×HDMI-A	
			DVI Module		4×DVI-I				HDMI 1.4		2×HDMI-A	
			DP1.2 HDMI2.0 Module		2×DP 2×HDMI-A				DP 1.1		2×DP	
			IP Module		1×RJ45				HDBaseT Module		4×RJ45	
	Output	Optional	3G SDI Module		8×BNC (4 In 4 Loop)							
			DVI Module		4×DVI-I				HDMI 1.3		4×HDMI-A	
			HDBaseT Module		4×RJ45				HDMI2.0 Module		2×HDMI-A	
			3G SDI Module		4×BNC							
Communication		LAN		1×RJ45								
		RS232 (In/Out)		2×DB9								
Audio	Optional	3.5mm Audio Jack(4 In 4 Out)										
PVV	Optional	PVV Module		1×RJ45 1×HDMI-A								
Connectors	Input Resolutions	Select from below or configure customized										
		HDBaseT										
		SMPTE	720p@50/60 1080p@30/50/60									
		VESA	800×600@60 1024×768@60 1280×768@60 1280×1024@60 1600×1200@60 1920×1080@60									
		H.264/H.265										
		SMPTE	720p@50/60 1080p@30/50/60 2160p@30									
		DVI HDMI 1.3										
		SMPTE	720p@50/60 1080p@30/50/60									
		VESA	800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60									
		DP 1.1 HDMI 1.4										
		SMPTE	720p@50/60 1080p@50/60									
		VESA	800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 3840×2160@30									
		SDI										
		SMPTE	720p@50/60 1080p@50/60									
		DP 1.2 HDMI 2.0										
		SMPTE	720p@50/60 1080p@30/50/60 2160p@60									
		VESA	800×600@60 1024×768@60 1280×720@60 1280×800@60 1280×1024@60 1360×768@60 1366×768@60 1440×900@60 1400×1050@60 1600×1200@60 1680×1050@60 1920×1080@60 1920×1200@60 3840×2160@60 4096×2160@60 7680×1080@60									
	Output Resolutions	Select from below or configure customized										
		DVI HDMI1.3										
		SMPTE	720p@50/60 1080p@30/50/60									
		VESA	800×600@60 1024×768@60 1280×768@60 1280×1024@60 1600×1200@60 1920×1080@60 1920×1200@60									
		HDBaseT										
		SMPTE	720p@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									
		SDI										
		SMPTE	720p@50/60 1080p@24/30/50/60									
HDMI2.0												
SMPTE	720p@50/60 1080p@30/50/60 2160p@30/60											
VESA	1024×768@60 1280×720@60 1280×768@60 1280×800@60 1280×1024@60 1360×768@60 1440×900@60 1920×1200@60 3840×570@60 2560×1600@60/120 3840×2160@30/60 3840×2400@60 4096×2160@60											
Supported Standard	SDI	3G	H.265	H.265	DVI	DVI-1.0						
	HDMI	2.0	HDBaseT	1.0	DP	1.2						
	Supported Protocols	RTSP										
	Decoding Format	H.265 Main Profile Level5.1 H.264 Baseline/Main/High Profile Level5.0										
Power	Input Voltage	AC 100V-240V, 50/60Hz										
Environment	Temperature	0°C ~ 70°C										
	Humidity	15%~85%										

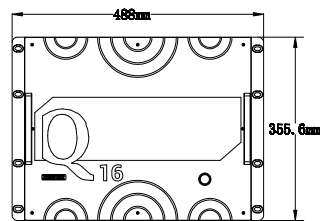
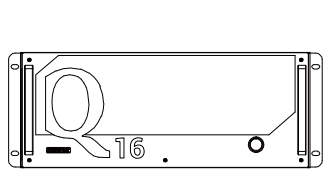
Order Codes

Product Code	Item
711-0020-01-0-16	Q16-4
711-0020-04-0-16	Q16-8
711-0020-05-0-16	Q16-14
711-0020-06-0-16	Q16-18
711-0020-07-0-16	Q16-26

*Please refer to the specification for module selection

HDMI HDCP™

Dimensions



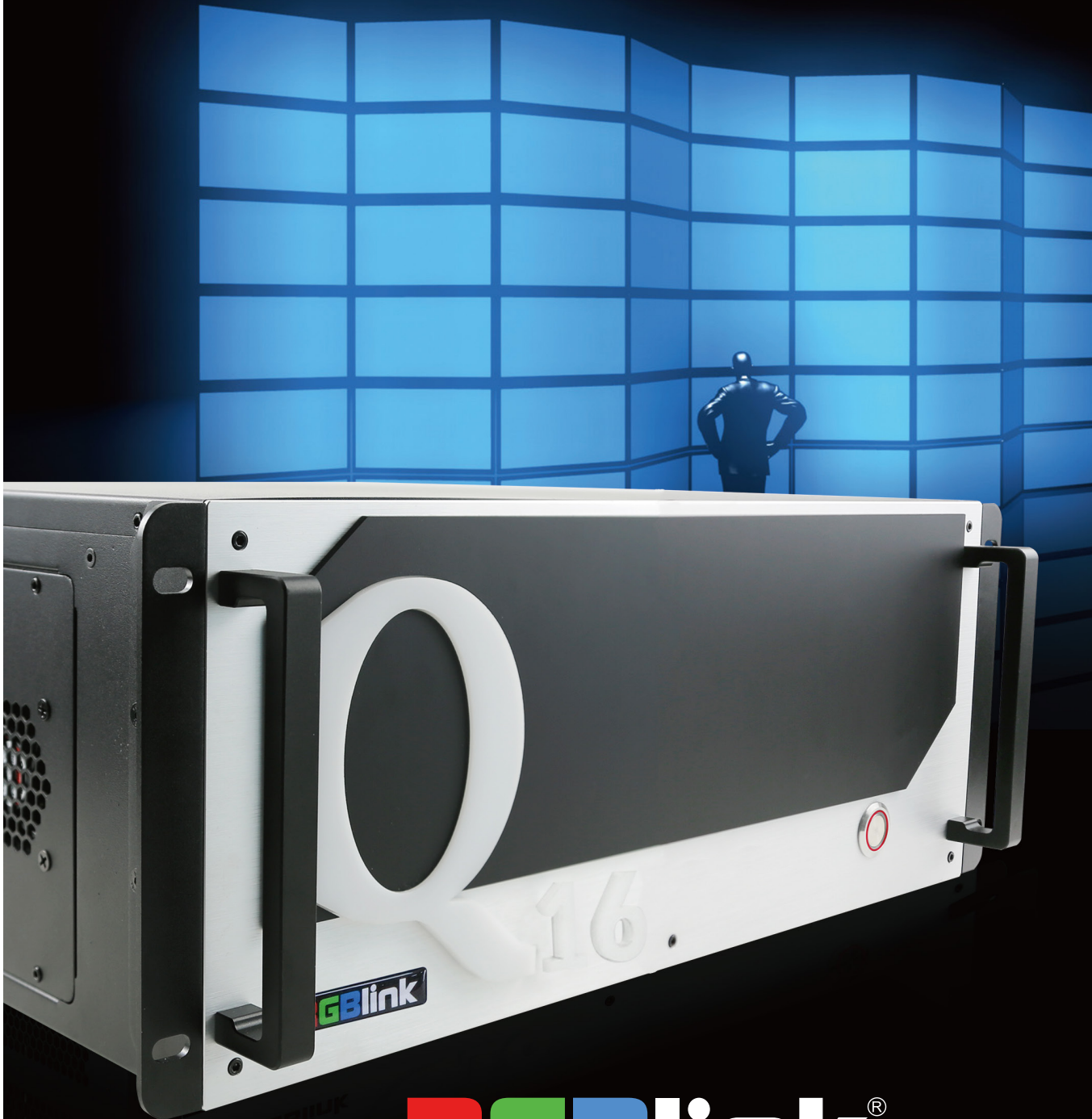
WEB: www.rgblink.com EMAIL: sales@rgblink.com PHONE: +86 592 5771197
Proudly designed and manufactured in **Xiamen** Hi Technology Zone, China

RGBlink®

www.rgblink.com

Q16pro

Multi-Window splicing processor
for LCD & LED Videowall



RGBlink®

With a high-performance video image processing system, Q16pro offers the speed and resilience of pure hardware-based architecture.

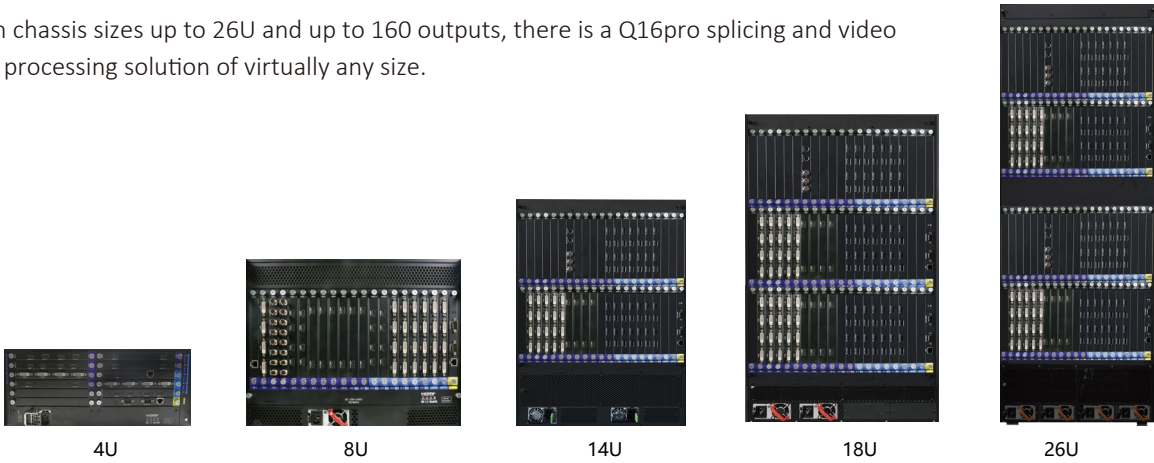
Modular by design, a comprehensive range of input and output signal options are available including HDMI 2.0 and DP 1.2 for 4K and 8K support.

Q16pro is ideal for multi-screen splicing and multi-display systems, with pixel-to-pixel accuracy whether conventional or custom resolutions and windows.



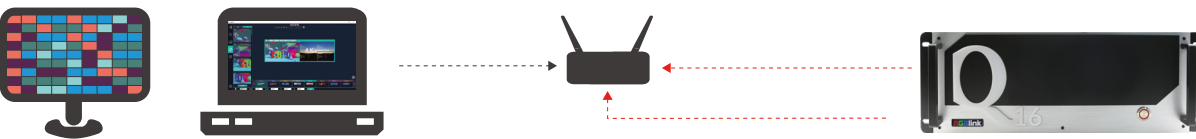
Full Range of Models & Capacities

With chassis sizes up to 26U and up to 160 outputs, there is a Q16pro splicing and video wall processing solution of virtually any size.



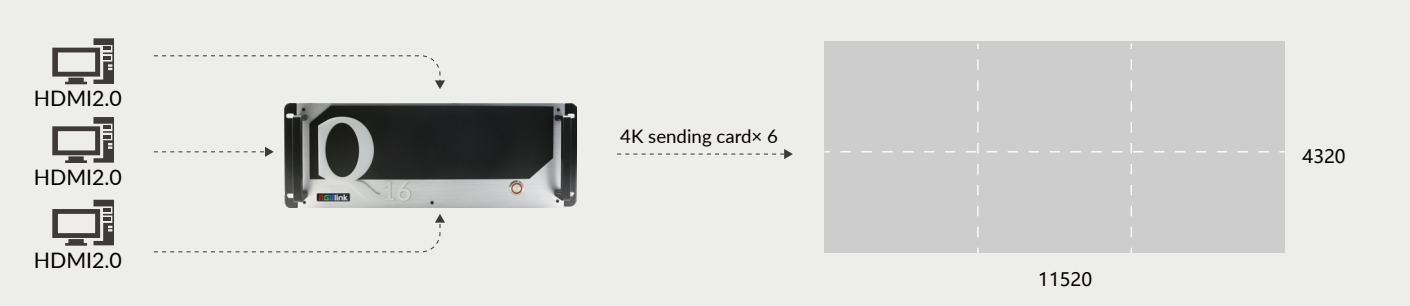
Monitor and Control

Q16pro can be locally from the HDMI PVW port, and remotely previewed and configured from XPOSE via ethernet.



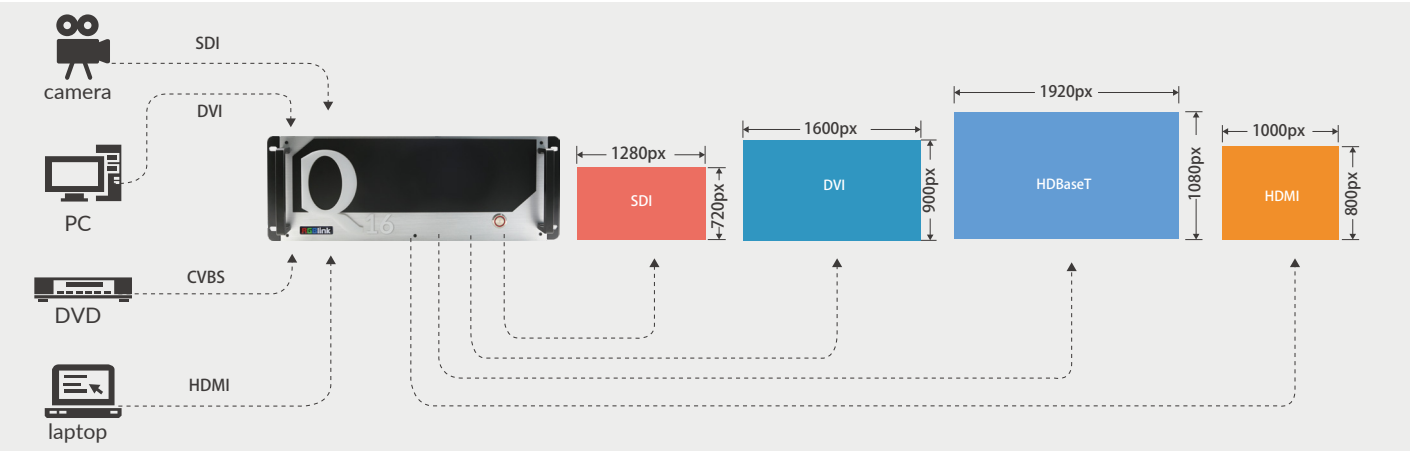
Multi-Input 4K Splicing & Scaling to LED Display

Scale and splice multiple 4K inputs to 4K LED Sender Cards across multiple outputs.



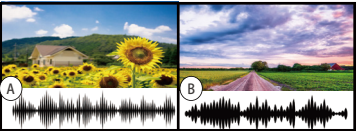
Multi-Display Systems

Deliver scaled video to output displays of any resolution, allowing video sources to be processed in a single centralised system.



Audio Controls

Select and switch between embedded audio sources for delivery to outputs.



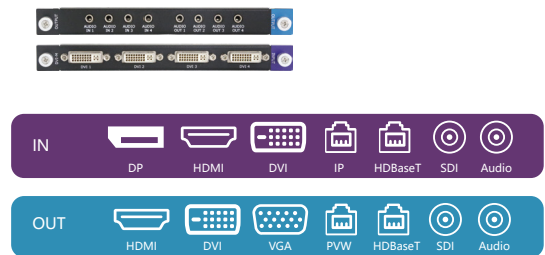
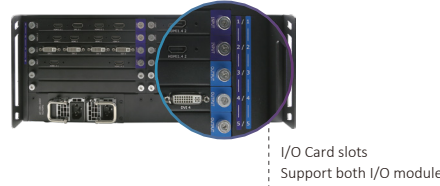
Comprehensive Management

Configure and control from RGBlink XPOSE, with scenes & presets, switching, scheduling and more. Control from other BMS platforms via UDP.



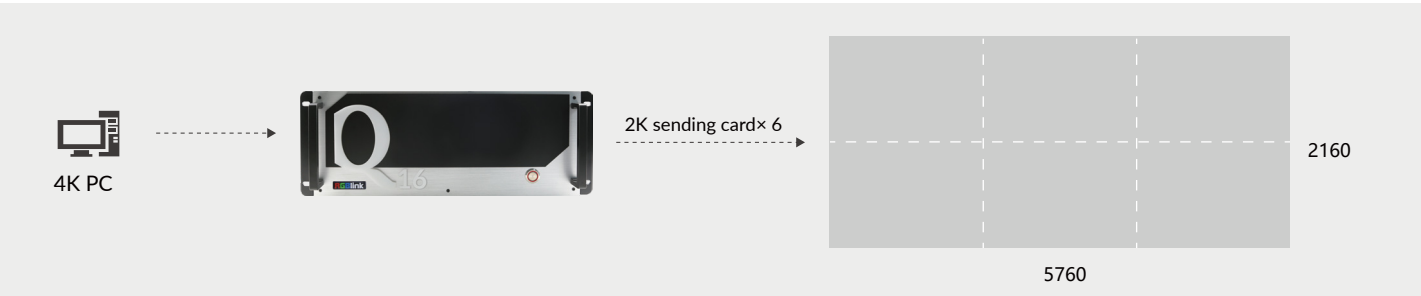
Fully Modular Design

A comprehensive range of signal options from the mature to leading edge, Q16pro is highly configurable yet easily tailored to applications, avoiding wastage or overprovisioning while offering simplified maintenance and support.



4K Splicing to LED Display

Scale and splice to multiple LED Sending Cards using multiple outputs.



Multi-Layers Display & Splicing to LED Display

Display up to 8 layers/windows across up outputs on the same module/slot with pixel-to-pixel splicing provided to LED Sender Cards across multiple outputs.

