OSD Dynamic Text Overlays

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

High Resolution Signals

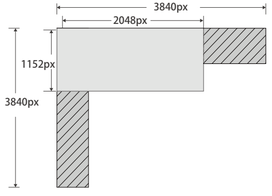
Q16pro supports a wide range of signal types including 4K UHD/DCI signals HDMI 2.0 and DisplayPort 1.2. EDID management is available across all resolutions.

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.

Custom Output Resolutions

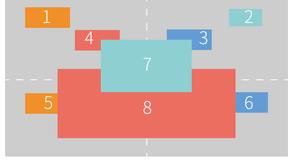
Configure output resolutions on each port, including fully customised non-standard resolutions.

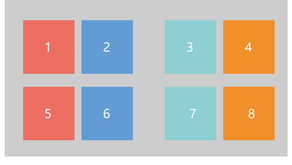


Enhanced Multi-Layers Roaming

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.





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/YPbPr/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
			3G SDI Module	8×BNC (4 In | 4 Loop)		
	Output	Optional	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)			
	PVW	Optional	PVW 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 | 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	
	Decodeing 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℃~70℃	
	Humidity	15%~85%	

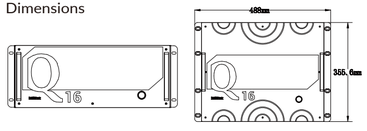
Order Codes

Product Code	Item
711-0020-01-0-16	Q16pro-4
711-0020-04-0-16	Q16pro-8
711-0020-05-0-16	Q16pro-14
711-0020-06-0-16	Q16pro-18
711-0020-07-0-16	Q16pro-26

*Please refer to the specifcation for module selection

HDMI® HDCP™

Dimensions



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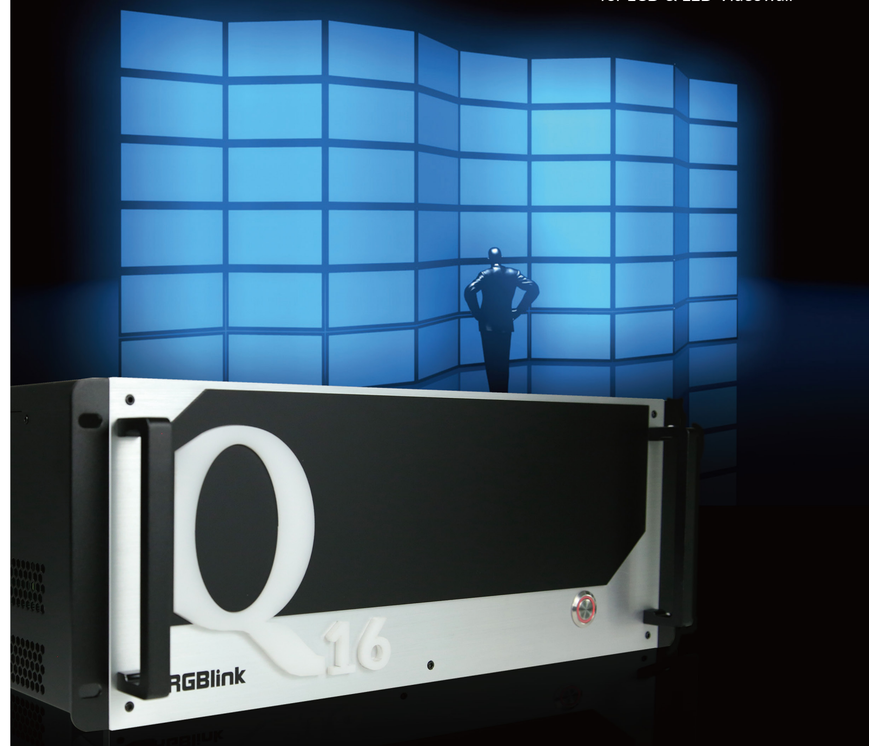
RGBlink®

www.rgblink.com

090-0Q02-01-0-C

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.

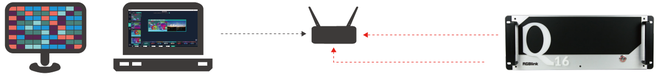
Q16pro is ideal for multi-screen splicing and multi-display systems, with pixel-to-pixel accuracy whether conventional or custom resolutions and windows.

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.

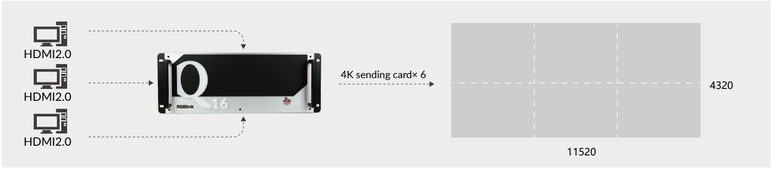
Monitor and Control

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



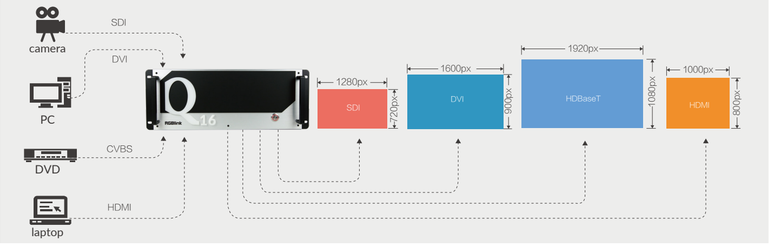
Multi-Input 4K Splicing & Scaling to LED Display

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



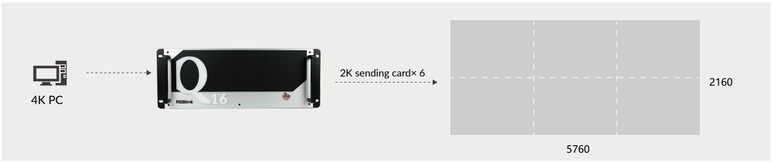
Multi-Display Systems

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



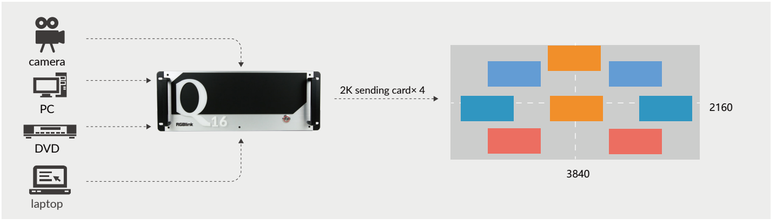
4K Splicing to LED Display

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.

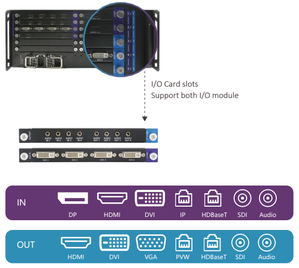


Audio Controls

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.