

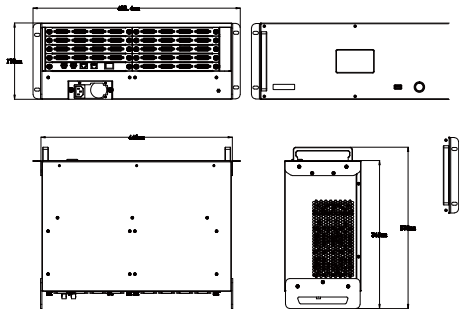
Model		Q16 pro 2U	Q16 pro 4U	Q16 pro 9U	Q16 pro 14U	Q16 pro 26U
Specification		2U	4U	9U	14U	26U
Input Slots (max)		3	4	10	20	40
Output Slots (max)		2	5	10	20	40
Physical	Net Weight	TBC	8.5kg	TBC	TBC	TBC
	Package Weight	TBC	12kg	TBC	TBC	TBC
	Net Dimension	TBC	483.4mm x 446mm x 178mm	TBC	TBC	TBC
	Package Dimension	TBC	630mm x 585mm x 250mm	TBC	TBC	TBC
	Input	Optional	DVI(to be published)	4xDVI-I (Compatible HDMI/DVI/VGA/YPbPr/CVBS)	3G SDI	4xBNC
			DVI	4xDVI-I	HDBaseT(to be published)	4xBNC
			HDMI 1.3	4xHDMI-A	H.265(to be published)	2xRJ45
			DP1.2 HDMI2.0	2xDP 2xHDMI-A		
	Output	Optional	DVI	4xDVI-I (Compatible VGA)	HDMI2.0	2xHDMI-A
			HDMI1.3	4xHDMI-A	HDBaseT(to be published)	2xRJ45
			3G SDI	4xBNC		
			Genlock	2xBNC (1 In 1 Loop)	LAN	1xRJ45
	Communication	Optional	RS232	1xRJ11		
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 1400×1050@60 1600×1200@60 1680×1050@60 1680×1050@60 1920×1080@60			
		3G SDI				
	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			
		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			
		3G SDI				
		SMPTE	720p@50/60 1080p@25/30/50/60 1080i@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			
Power	Supported Standard	SDI	3G	H.265	H.265	DVI
		HDMI	2.0	HDBaseT	1.0	DP
Environment	Input Voltage	AC 100V-240V, 50/60Hz (2U supports single power module,4U and above support redundant power)				
	Temperature	0°C~70°C				
	Humidity	15%~85%				

Order Codes

Product Code	Item
710-1004-01-0	Q16pro 2U
710-1004-02-0	Q16pro 4U
710-1004-03-0	Q16pro 9U
710-1004-04-0	Q16pro14U
710-1004-05-0	Q16pro 26U

*Please refer to the specification for module selection

Dimensions



HDMI HDCP™

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

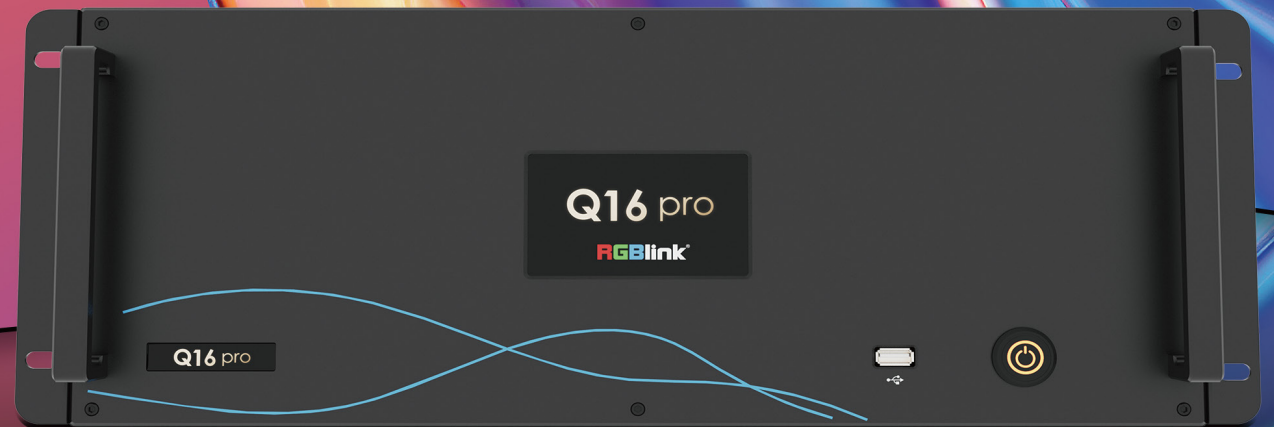
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Q16 pro

Multi-Window splicing processor
for LCD & LED Videowall



RGBlink®

Q16 pro

Q16 pro is a high-performance video image processing system and high-performance video splicing server using pure hardware and leading-edge FPGA processing architecture. Offering a range of input and output signals via a card-based structure, and supporting hot swap of modules, and options including redundant power supplies, Q16 pro is a stable high-performance platform that can be deployed in varied applications including corporate and visual messaging as well in retail and digital signage applications. The Q16 pro models allow connection of 4K video sources as well as output to 4K, with outputs offering multi-screen and multi-layer capabilities. A host of features are built in to Q16 pro, including EDID management, 3D image processing, and highly configurable OSD features at high-definition.

Multi- Layer Multi-Window

Q16 pro offers up to 8~16 2K windows or four 4K windows per output slot. Layer resources able to be freely used across any of the outputs within a slot for maximum availability and efficiency, including combinations of both 2K and 4K layer windows. Q16 pro layering allows multi-window applications for large scale and spanning multiple display outputs.



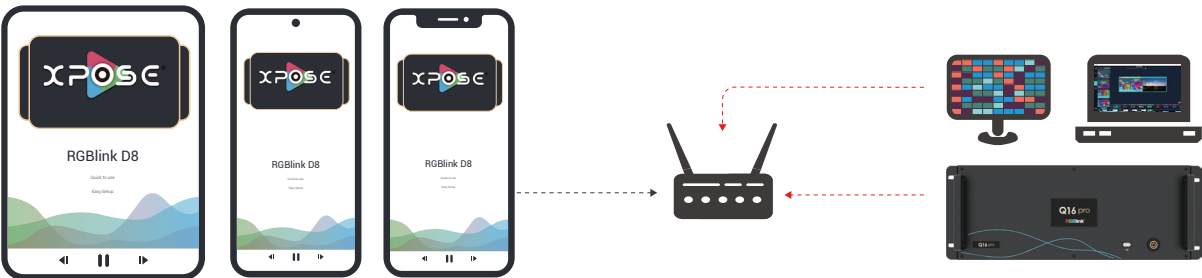
Frame Sizes for Every Scale

Q16 pro models range from the compact 2U through to 26U with up to 160 inputs and 160 outputs with common modules across the range. Q16 pro is truly scalable for even the largest applications .



Take Control

Configure and control Q16pro devices from the acclaimed RGBlink XPOSE apps for laptop/desktop and mobile devices.



OSD Dynamic Titles

Customised text in almost any format can be overlayed on output displays. The facility supports static and dynamic arrangements including scrolling messaging.



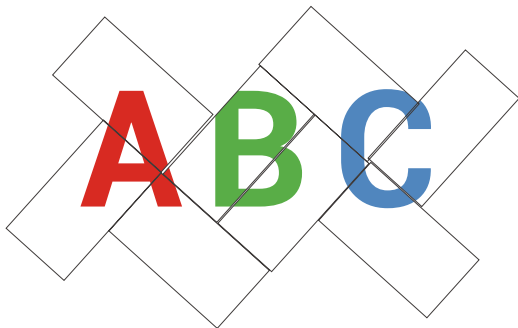
3D stitching

Scale and deliver 3D signals for 120Hz interpolated signals with internal frame-lock synchronization. Segmentation and fusion are completely seamless. Single key switching is available to transition between 2D and 3D on demand.



Complex Displays

Outputs may be positioned in pixel space on a virtual canvas, as rotated with precision to match physical arrangements of displays. There is support for density and bezel configuration, and spliced video is seamlessly output fully synchronised across the display surfaces.



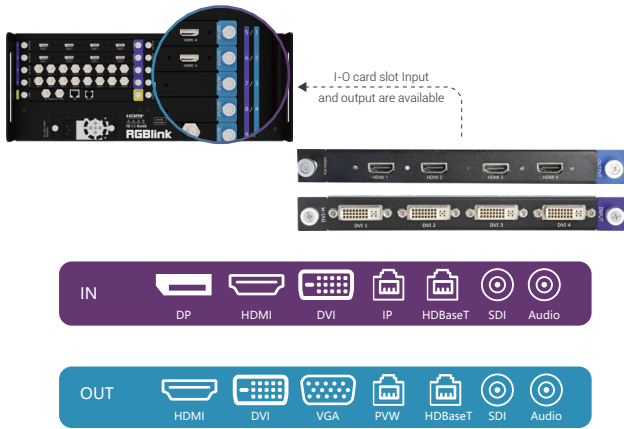
High Performance Lossless 4K Processing

Q16 pro not only supports HDMI 2.0 and DisplayPort 1.2 4K@60 signals and is engineered end-to-end to maintain and enhance fidelity with full 4:4:4 maintained throughout. Utilizing advanced processing engine developed RGBlink.



Modular Hybrid Modules

The processor offers a range of input and output modules, with signals able to be mixed-and-matched to meet requirement without incurring overhead. Modules are easily user-fit lowering TCO and simplifying operations of Q16pro based installations.



Configurable Audio Delivery

Both embedded and external/insert audio sources may be embedded to any output as well as be switched a part of video presets.

