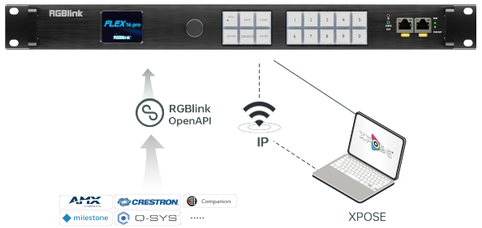
Modular based Design

Built for integrators, the Flex 16pro's inputs and outputs are modular and hot-swappable. Each slot accommodates up to six 4K inputs, with extensive signal compatibility to enable native connections and reduce dependency on converters or adapters.

Diverse control

The device supports various control methods—including local, remote, and third-party central control systems—to accommodate the operational preferences of different users.



H.264 video stream

Route video inputs through dedicated H.264 port. Preview sources in XPOSE or video players. Adjustable port setups to fit your application.



Configurable Outputs

RGBlink Video {processing} with Any Scale manages content for Any Video Wall setup including LCD & LED & Projectors.

Specification

I/O Module	Optional			4 × 4	2 × 6	6 × 2
Interface	Input	IN		4 × HDMI-A	2 × HDMI-A	6 × HDMI-A
	Output	OUT		4 × HDMI-A	6 × HDMI-A	2 × HDMI-A
	Control	LAN	TCP/IP(LAN)	1 × RJ45		
	Power		Power	1 × DC Jack		
Performance	Resolution		Input	Up to RGB 8bit 3840×2160@60 | YCbCr422 8bit 10bit 12bit 3840×2160@60		
			Output	Up to 3840x2160@60		
Power				DC 12V/12A		
Working	Operating Temperature			0°C ~ 40°C		
Environment	Relative Humidity			10 - 90% RH (non-condensing)		
Physical	Net Weight			4.8kg		
	Net Dimension			437mm × 236mm × 44mm		

Order Codes

Product Code	Item
720-0016-01-0	FLEX 16pro
792-0404-01-0	4 × 4 I/O Module
792-0206-01-0	2 × 6 I/O Module
792-0602-01-0	6 × 2 I/O Module

HDMI® HDCP™

WEB: www.rgblink.com EMAIL: sales@rgblink.com PHONE: +86 592 5771197

RGBlink®

www.rgblink.com



FLEX 16pro

Compact Flexible 32 I I 0 Matrix & VideoWall Processor

RGBlink

FLEX 16pro

FLEX 16pro is a 1U rack-mountable, fully modular 4K video wall processor featuring a new hardware architecture with the smallest footprint among traditional 16-screen solutions. Each unit supports up to 4 optional modules and each module has three options: 2-in/6-out, 4-in/4-out, or 6-in/2-out. These can be flexibly combined to cover a wide range of scenarios from 8-in/24-out to 24-in/8-out. Up to 4 windows per screen, CUT switching, web-based management and openAPI.

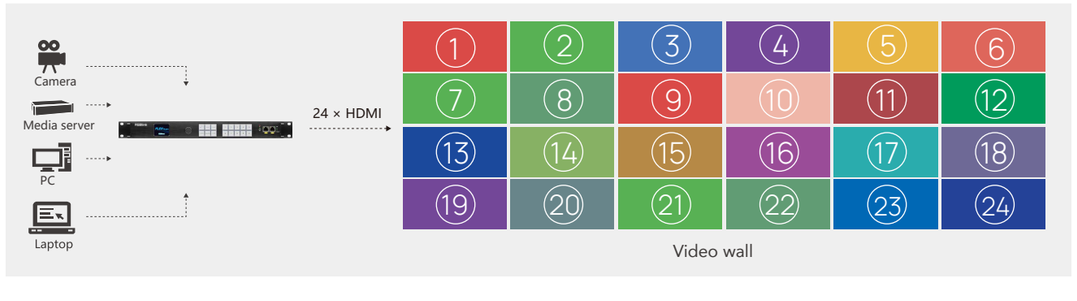
Key Features

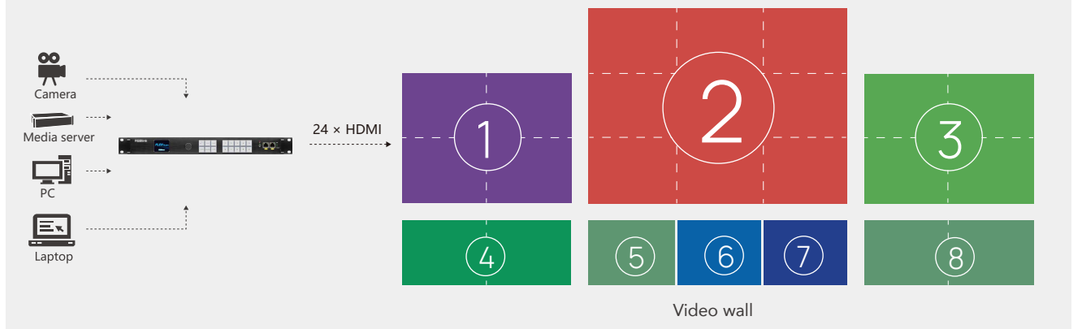
- Modular I/O configuration — optional 4×4, 2×6, or 6×2 input/output combo modules
- Up to 4 I/O combo modules per chassis
- 4K60 support — 3840×2160@60Hz input and output
- Advanced display functions — video wall splicing, roaming, cross-screen, scaling, PIP, POP, and overlay for any video signal
- Multi-window capability — up to 4 windows per screen; full wall layer stacking up to 4×N layers (N = number of screens)
- Signal preview and wall monitoring — real-time input preview and output feedback
- Web-based control — switch preset scenes from PC, phone, or tablet via web browser
- 1000+ preset scenes storage capacity
- Scene auto-rotation — customizable rotation intervals
- Seamless scene switching — < 30ms delay, no stutter, no blue screen, no flicker
- Ultra HD subtitles and background image support
- LSupports source and display device validity detection with status LED indication.
- Frame-synchronized outputs — 0ns port-to-port timing difference (excluding display panel variance)
- Multi-user management
- Compatible with third-party central control systems including Crestron, AMX, QSC, Companion, etc.

Videowall Mode

Arrange output displays/monitors for up to 32K x 2K output or 48K x 1K output, with up to four layers per output slot.









XPOSE®

* product shown with optional modules fitted. Refer to specifications and manuals.