![RGB SPECTRUM]

QuadView IPXe

4K 60Hz Multi-Image Processor and All-in-One Multi-Image Encoder, Decoder, and Display Processor

The new *QuadView®* IPXe high-performance multiviewer displays up to four signals on a single monitor, any size, anywhere on the screen. Both baseband video and IP sources can be accommodated.

The *QuadView* IPXe offers a novel combination of a multiviewer, multi-channel encoder and decoder in one package. It can encode the multiviewer output, as well as any of the baseband video inputs, for distribution over a LAN or WAN. Its extraordinary feature set makes the IPXe a desktop communications hub for bi-directional transmission of local and remote visual content an ideal solution for advanced VTC applications.

The *QuadView* IPXe multiviewer is the next generation in multiviewer performance, with a selection of up to four baseband (HDMI) and four IP (H.264/H.265) video inputs. The system supports mix and match input source types and resolutions, scaling any video input up to 4K resolution, and both analog and digital audio.
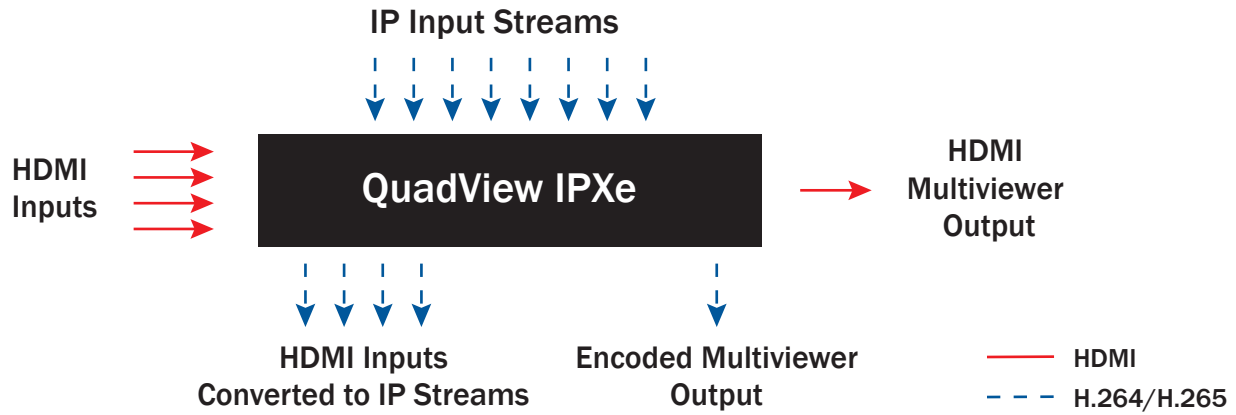
Multiple control methods include a built-in web interface and third-party control via Ethernet and RS-232. Simply select a customizable layout, choose inputs, and route to the desired display windows.

The *QuadView* IPXe's embedded architecture offers operational security without PC vulnerability to external tampering and hacking. Made in the U.S.A., it is fully TAA-compliant. It is an ideal solution for mission-critical 24/7 operations where reliability, security, quality, and ruggedness count.

Learn more at rgb.com/quadview-ipxe

QuadView IPXe Features

- 4K 60Hz input and output resolutions
- Display up to 8 windows any size, anywhere on a single screen
- Customizable display layouts
- Baseband and IP video inputs - 4x HDMI and up to 4x IP
- Encode/distribute multi-image output for remote viewing
- Encode any/all inputs for remote viewing
- HDMI 2.0 I/O
- H.264 and H.265 encoding and decoding
- Embedded architecture for operational security
- Analog and embedded digital I/O with built-in audio source routing
- TAA compliant
- Control via built-in GUI, Telnet and RS-232

IP Input Streams

HDMI Inputs →

QuadView IPXe

→ **HDMI Multiviewer Output**

HDMI Inputs Converted to IP Streams

Encoded Multiviewer Output

—— HDMI
- - - H.264/H.265

QuadView IPXe Specifications

Inputs	
Video	4x HDMI (2.0)
	4x H.264 & H.265 IP streams (1x 4k60, 2x 4k30, 4x 1080p, 4x 720p)
Resolution (maximum)	3840 x 2160 @ 60Hz
Audio	Digital Embedded: 4x HDMI and up to 4x IP streams
	Analog: 1x 3.5mm mini-pin, stereo
Outputs	
Video	1x HDMI (2.0)
Supported resolutions	3840X1080 @ 60Hz, 3840x2160 @ 60Hz, 3840x2160 @ 30Hz, 3840x2160 @ 24Hz, 1920x1200 @ 60Hz, 1920x1080 @ 60Hz, 1920x1080 @ 50Hz, 1600x1200 @ 60Hz, 1680x1050 @ 60Hz, 1600x900 @ 60Hz, 1400x1050 @ 60Hz, 1440x900 @ 60Hz, 1366x768 @ 60Hz, 1360x768 @ 60Hz, 1280x1024 @ 60Hz, 1280x720 @ 60Hz, 1280x800 @ 60Hz, 1280x768 @ 60Hz, 1280x720 @ 50Hz, 1024x768 @ 60Hz, 800x600 @ 60Hz
Audio	Digital Embedded: 1x HDMI
	Analog: 1x 3.5mm mini-pin, stereo
Encoding/Decoding/Streaming	
Encoding and Decoding Methods	H.264 & H.265
Encoding Inputs	1x Baseband HDMI or Composite Multi-Window Image (QuadView output)
Control	
	Built-in, Telnet, RS-232
Physical & Environments	
Size (H x W x D)	1.75 x 8.625 x 8.0 inches (1RU) (43.2 x 219 x 203 mm)
Weight	3.1 lbs (1.4 kg)
Power Supply	100 - 240 VAC / 50-60Hz
Power consumption (max.)	15 W (max.)
Operating Temperature	+32° to +104° F (0° to +40° C)
Storage Temperature	-4° to +140° F (-20° to +60° C)
Humidity (storage/operating)	20% to 90% (non-condensing)

Specifications subject to change.

Better Decisions. Faster.™