Multiviewers
For Every Application

Real-time processing — no dropped frames

Designed for robust 24/7 operation

Supports resolutions up to 4K UHD

**Video and graphic inputs**

Integrated KVM

RGB SPECTRUM®

Multiviewer Portfolio

RGB Spectrum's *QuadView*® UHD, HDx, and *SuperView*® 4100, and 4K Multiviewers excel in their ability to display multiple high resolution video and computer sources on a single screen. From the board room to teleconferencing to high-end home theaters, our multiviewers offer customers an extraordinary level of performance. A dedicated system architecture and embedded operating system provide enhanced security and reliability without PC vulnerabilities for mission-critical applications.

QuadView® UHD

— *Speed, Simplicity, Superb Quality*

The *QuadView* UHD Multiviewer is a high-performance multi-image processor and presentation scaler/switcher that displays up to 4 sources simultaneously on a single screen in a variety of creative layouts.
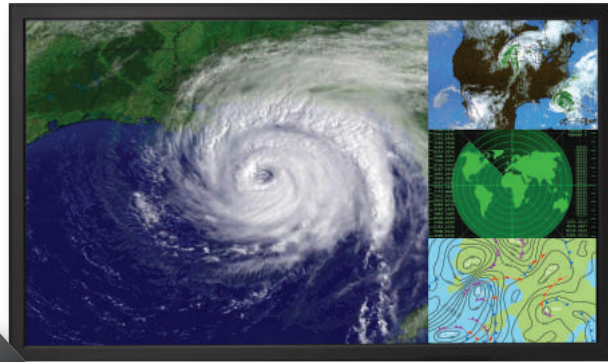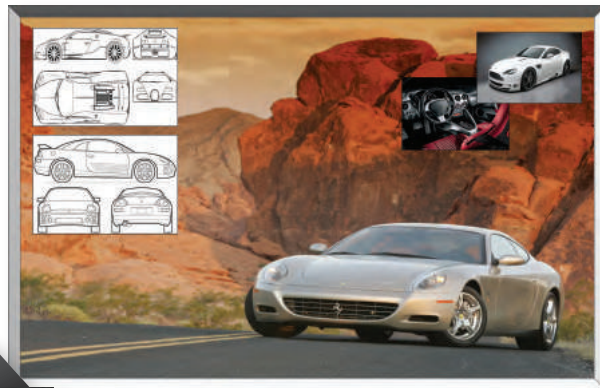

4 Windows

Features:

- Full range of input and output formats
- Up to 4K UHD input/output
- 16 preset layouts
- Audio follow and audio breakaway modes
- Auto scaler for every input
- Front panel buttons
- Wireless remote control
- HDCP compliant

QuadView® HDx

— *Compact, Powerful, Robust*

The *QuadView* HDx Multiviewer offers the most powerful image processing solution in the industry — with outstanding image quality, dynamic window sizing, and RGB Spectrum's renowned real-time processing.

4 Windows + Background

Features:

- Full range of input and output formats
- Real-time, dynamic window scaling
- WIndows any size, anywhere
- Pan and zoom, titles and borders
- Programmable presets
- On screen cursor control
- HDCP option
- NTSC/PAL input option
- Integrated KVM option

SuperView® 4100

— Flexible, Secure, Reliable

For more demanding applications, the *SuperView* 4100 Multiviewer builds on the power of the *QuadView* HDx and features eight windows, complete layout flexibility, and RGB Spectrum's superb image quality.
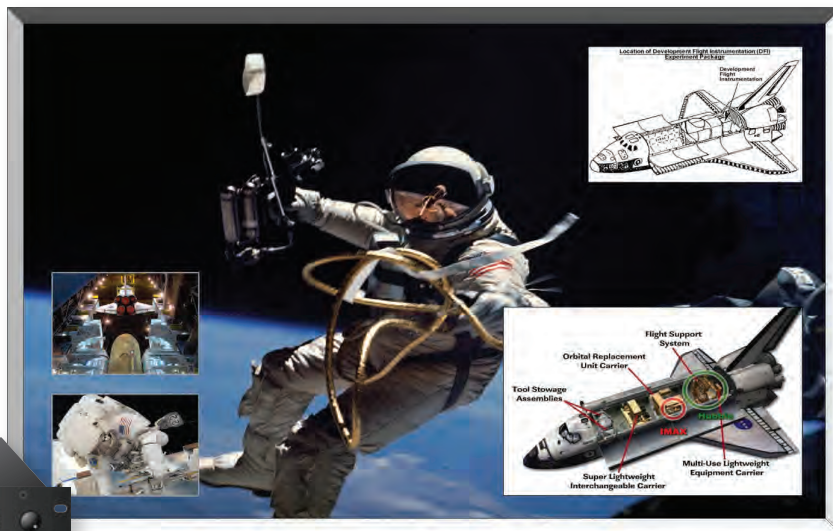
8 Windows

Features:

- Full range of input and output formats
- Single or dual-link DVI outputs
- Dynamic window scaling
- WIndows any size, anywhere
- Pan and zoom, titles and borders

- Programmable presets
- On screen cursor control
- HDCP compliant
- Integrated KVM option
- Dual outputs

4K UltraHD Monitor or Projector

SuperView® 4K

— Eight MegaPixels of Power

The *SuperView* 4K Multiviewer is designed for Ultra HD panels and projectors. With the ability to display up to eight high resolution graphic or video images, including 4K imagery, *SuperView* 4K meets the demand for today's new wave of 4K visualization.

Up to 8 Windows

Features:

- Full range of input and output formats
- Accepts 2K and 4K sources
- Single or dual-link DVI outputs
- Realtime, dynamic window scaling

- WIndows any size, anywhere
- Programmable presets
- HDCP compliant
- Integrated KVM option

Specifications

	QuadView UHD	QuadView HDx & HDxv	SuperView 4100	SuperView 4K
Windows	4	4	8	8
Inputs				
RGB/HD	1x (on 15-pin HD)	4x (on 15-pin HD)	8x (on DVI-I)	8x (on DVI-I)
DVI		4x (on DVI-I, digital only)	8x (on DVI-I single-link 1.0)	8x (on DVI-I)
HDMI	4x (v1.4b)		8x (1.3a)	8x (1.3a)
DisplayPort	2x (v1.2)			
Background		1x (on DVI-I, digital only)		
Composite/Component		Up to 16x (on BNC), component configurable on QV HDxv		
Resolution	640x480 to 1920x1200, 2048x1152, 720p, 1080i, 1080p 3840x2160	640x480 to 1920x1200, 2048x1152, 720p, 1080i, 1080p	640x480 to 1920x1200, 2048x1152, 720p, 1080i, 1080p	640x480 to 1920x1200, 2048x1152, 720p, 1080i, 1080p 3840x2160, 4096x2160
Color depth	24-bit	24-bit	24-bit	24-bit
HDCP	Standard	Option	Standard	Standard
Audio	6x (HDMI or DP embedded), 7x (Stereo, analog, 3.5 mm)			
Outputs				
RGB/YPbPr/HD		1x (on DVI-I)		
DVI single-link		1x (on DVI-I)	2x (on DVI-I, digital only)	4x (on DVI-I, digital only)
DVI dual-link		1x (option) on DVI-I	2x (on DVI-I, digital only)	
HDMI	1x (v1.4b)			
Resolution	Auto, 1024x768, 1280x720, 1280x800, 1600x1200, 1920x1080, 1900x1200, 3840x2160	640x480 to 1920x1200 and 2048x1080p	Up to 1920x1200, 2048x1080 Dual-link to 2560x1600	2k mode: single-link DVI, up to 1920x1200, HD to 2048x1080p 4K mode (SL): 4x single-link DVI, 3840x2160p, 4096x2160p 4K mode (DL): 2x dual-link DVI, up to 2560x1600p and 1920x2160 (per output)
Pin power		50 mA @ 5 VDC	500 mA @ 5 VDC per output	500 mA @ 5 VDC per output
Audio	1 × (HDMI embedded), 1 × Optical, 4x (Stereo 3.5-mm, 8 ch total)			
Power				
	100-240 VAC auto ranging 50/60 Hz, 15 W maximum	100-240 VAC auto ranging 50/60 Hz, < 45 W	100 - 240 VAC auto ranging 50/60 Hz, 125 W maximum	100 - 240 VAC auto ranging 50/60 Hz, 125 W maximum
Control				
	Ethernet 10/100/1000 Base-T, Telnet RS-232, Web interface	Ethernet 10/100Base-T, Telnet RS-232, Web interface	Ethernet 10/100Base-T, Telnet RS-232, Web interface	Ethernet 10/100Base-T, Telnet RS-232, Web interface
Options				
		BP-16 control panel	BP-16 control panel	BP-16 control panel
		HDCP	Redundant power supply	Redundant power supply
		Composite/component input	DVI dual-link output	
Physical				
	Width: 17.3 in/44.0 cm Depth: 10.7 in/27.2 cm Height: 1.71 in/ 43.5 cm (1RU) Weight: 7.3 lbs/3.3 kg	Width: 17.0 in/43.2 cm Depth: 13.5 in/34.3 cm Height: 1.75 in/4.5 cm (1 RU) Weight: 13.5 lbs/6.1 kg	Width: 17.0 in/43.2 cm Depth: 18.0 in/45.7 cm Height: 3.5 in/8.9 cm (2 RU) Weight: 25 lbs/11.4 kg	Width: 17.0 in/43.2 cm Depth: 18.0 in/45.7 cm Height: 3.5 in/8.9 cm (2 RU) Weight: 25 lbs/11.4 kg

QuadView UHD

SuperView 4100

QuadView HDx

SuperView 4K

Specifications subject to change
Patents: US 8,120,581, US 8,184,065 and other patents pending

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VIDEO SOLUTIONS

Video Sources

Computer and Graphic Sources

Recording and Streaming Codecs

Digital Switchers

Multiviewers

Video Wall Processors

Remote Desktop Adapters

H.264 Decoder

Recording and Streaming Codecs

Remote Desktop Adapters

Remote Desktop Adapters
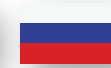
Control Room Management Systems

Local Control Station

Remote Control Station

Intelligent display processing ▪ Video over IP ▪ Remote operator control ▪ Signal switching and distribution ▪ Control room management

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