

MULTIVIEWERS

For Every Application



Real-time processing — no dropped frames

Designed for robust 24/7 operation

Supports displays up to 4K UHD

Video and graphic inputs



RGB Spectrum Multiviewers

– *Feature-rich Multi-Window Processor Systems*

RGB Spectrum's *Zio*®, *QuadView*®, and *SuperView*® multiviewers excel in their ability to display multiple high resolution video and computer sources on a single display screen. From the board room to teleconferencing to high-end home theaters and control rooms, our compact multi-window display processor systems offer customers an extraordinary level of performance.

A dedicated system architecture and embedded operating system provide enhanced security and 24/7 reliability, which makes our multiviewers ideal for use in operations centers, control rooms and other mission-critical applications requiring multi-window display.



Zio Multiviewers

Zio multiviewers decode and display multiple, high-resolution video and computer IP streams on a single display screen.

SuperView 4K

The *SuperView* 4K displays 8 windows any size, anywhere with up to 4K input and output.

QuadView UHDx

The *QuadView* UHDx displays up to 4 sources on a single screen with up to 4K 60Hz input and output in customizable display layouts.

SuperView 4100

The *SuperView* 4100 displays 8 windows any size, anywhere with complete layout flexibility.

Learn more at rgb.com/multiviewers

Zio® Multiviewers

— IP-based for Ultimate Flexibility



KEY FEATURES

The Zio family of multiviewers allow multiple video streams and web content to be decoded and viewed on a single display. RGB Spectrum's AV-over-IP technology supports low bandwidth content distribution and management across a room, campus or the internet using standard 1Gb ethernet. An intuitive browser-based GUI allows drag & drop source routing, and industry standard codecs enable interoperability with third-party devices such as IP cameras.

- H.264 and H.265 decoding up to 4K UHD
- Content distribution across LANs & WANs
- Dynamic window position / size
- Mix live video + web-based content
- Scripting interface for external system control
- HDCP compliant
- Power over Ethernet (PoE)

SPECIFICATIONS

	Zio D2022	Zio D3024
Inputs		
IP Streams	4 (1080p30)	3 (4Kp30), 15 (1080p30)
Color depth	8-bit	8-bit
HDCP	1.4	-
Audio	2 channel	2 channel
Outputs		
HDMI	1.4a	-
Display Port	-	mDP 1.4
Resolution	up to 1920x1080 @ 60 Hz, 3840x2160 @ 30 Hz, 4096x2160 @ 24 Hz	3840x2160 @ 60 Hz, up to 1920x1080 @ 60 Hz
Audio	1x Analog (3.5 mm), 1x HDMI (embedded)	1x Analog (3.5 mm)
Power		
	100-240 VAC auto ranging 50/60 Hz, 16 W max PoE+ Compliant	100-240 VAC auto ranging 50/60 Hz, 135 W max
Control		
	Ethernet 1000Base-T, Telnet, Web interface	Ethernet 1000Base-T, Telnet, Web interface
Physical		
Dimensions (HxWxD)	1.0 x 8.0 x 4.0 inches (2.5 x 20.3 x 10.2 cm)	1.4 x 7.0 x 7.2 inches (3.65 x 17.9 x 18.29 cm)
Weight	2 lbs/0.9 kg	2.9 lbs/1.3 kg

QuadView® Multiviewers

— Speed, Simplicity, Superb Quality



KEY FEATURES

QuadView UHDx multiviewers are high-performance multi-image processors and presentation scalers/switchers that display up to 4 sources simultaneously on a single screen in a variety of creative layouts.

- Customizable display layouts
- 4K 60 Hz input/output
- Built-in audio switching with de-embedding
- 32 display layouts
- BYOD Auto Layout
- HDCP 2.2 & 1.4 compliant
- Source cropping
- Source labels

SPECIFICATIONS

QuadView UHDx

Windows 6

Inputs

RGB/HD	-
HDMI	4x (2.0)
HDCP	2.2 and 1.4 compliant
DisplayPort	2x (v1.2)
Resolution	3840x2160 @ 60 Hz max
Audio	6x 3.5mm mini-pin, stereo

Outputs

HDMI	1 (2.0)
Resolution	3840x2160 @ 60 Hz, 3840x2160 @ 30 Hz, 3840x2160 @ 24 Hz, 1920x1200 @ 60 Hz, 1920x1080 @ 60 Hz, 1920x1080 @ 50 Hz, 1600x1200 @ 60 Hz, 1680x1050 @ 60 Hz
HDCP	2.2 and 1.4 compliant
Audio	1x HDMI (embedded), 1x optical, 1x analog (3.5mm mini-pin, stereo)

Power

100 - 240 VAC 50/60Hz,
15 W max

Control

Built-in Setup/Configuration/Operation GUI
Front Panel, Telnet, RS-232

Physical

Dimensions (HxWxD)	1.7 x 17.3 x 11.0 inches (4.35 x 44.0 x 28.0 cm) (1RU)
Weight	7.3 lbs/3.3 kg

SuperView® Multiviewers

— Flexible, Secure, Reliable



KEY FEATURES

With RGB Spectrum's renowned image processing as the foundation, the SuperView® 4100 and SuperView 4K multiviewers offer 8 scalable windows and complete layout flexibility.

RGB Spectrum's real-time embedded architecture results in superb image processing with no dropped frames.

- DVI and HDMI inputs
- 4K signals or up to 8 HD windows
- Full range of input and output formats
- Single-link or dual-link DVI outputs
- Dynamic window scaling—any size, anywhere
- DVI input cable equalization
- Pan and zoom
- Programmable display layouts
- HDCP compliant
- Titles and borders

SPECIFICATIONS

	SuperView 4100	SuperView 4K
Windows	8	8
Inputs		
RGB/HD	8x (on DVI-I)	8x (on DVI-I)
DVI	8x (on DVI-I)	8x (on DVI-I)
HDMI	8x (on HDMI)	8x (on HDMI)
Resolution	640x480 to 1920x1200, 2048x1152, 720p, 1080i, 1080p	640x480 to 1920x1200, 2048x1152, 720p, 1080i, 1080p, 3840x2160, 4096x2160
Color depth	24-bit	24-bit
Outputs		
DVI single-link	2x (on DVI-I, digital only)	4x (on DVI-I, digital only)
DVI dual-link	2x (on DVI-I, digital only)	-
Resolution	Up to 1920x1200, 2048x1080	2k mode: single-link DVI, up to 1920x1200, HD to 2048x1080p
	Dual-link to 2560x1600	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	500 mA @ 5 VDC per output	500 mA @ 5 VDC per output
Power		
	100-240 VAC auto ranging 50/60 Hz, 125 W max	100-240 VAC auto ranging 50/60 Hz, 125 W max
Control		
	Ethernet 100Base-T, Telnet RS-232, Web interface	Ethernet 100Base-T, Telnet RS-232, Web interface
Options		
	Redundant power supply DVI dual-link output	Redundant power supply -
Physical		
Dimensions (HxWxD)	3.5 x 17.0 x 18.0 inches (8.9 x 43.2 x 45.7 cm) (2RU)	3.5 x 17.0 x 18.0 inches (8.9 x 43.2 x 45.7 cm) (2RU)
Weight	25 lbs/11.4 kg	25 lbs/11.4 kg



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