

COMPUTER & VIDEO IMAGES ON A SINGLE SCREEN



SuperView 4100 8 Window Multiviewer

Fully real-time;
no dropped frames

Robust 24/7 operation

8 graphic & video windows

DVI input cable equalization

DVI outputs with
500 mA pin-power

Control via web browser

Embedded operating system

Borders & titles

Plug & play architecture

Smooth scaling, panning,
zooming

No PC vulnerabilities

No hard drives

Presets

HDCP option

Redundant power supply option

DVI dual-link output option
up to 2560x1600 pixels

MultiPoint KVM see
[http://rgb.com/products/
Multipointkvm/?c=n](http://rgb.com/products/Multipointkvm/?c=n)

SinglePoint KVM see
[http://rgb.com/products/
KvMforMediaWall/?c=n](http://rgb.com/products/KvMforMediaWall/?c=n)

The new SuperView® 4100 processor is a fully real-time multiviewer for projectors, cubes or flat panel displays. Unique among multiviewers, the SuperView 4100 processor is based on a custom-built, high performance architecture rather than a PC, offering faster updates, more display flexibility, robustness and security. Real-time display of inputs is guaranteed under all conditions, without dropped frames.

The SuperView processor can display up to 8 graphic or HD video sources on a single output. Images can be displayed anywhere, any size, in windows or full screen. Unlike other video/data multiviewers, the SuperView processor has essentially no limits on display alternatives.

The SuperView 4100 processor provides DVI, HDMI and RGB inputs for 8 windows. Graphic signals to 1920x1200 pixels and HD inputs to 2048x1080 pixels are supported.

Control is via RS-232 or Ethernet. A browser-based control system provides a graphical interface that incorporates a comprehensive set of controls for every aspect of the processor and display.

The processor offers 24/7 robustness. It comes packaged in a compact rack-mount enclosure with replaceable air filter. Most importantly, the SuperView processor is a dedicated system, not a PC, providing the security and reliability of an embedded operating system with no disk drives. The user interface includes drag-and-drop window positioning and scaling.

The SuperView processor features DVI single-link or optional DVI dual-link output. Output can be adjusted to the native resolution of any display, up to 1920x1200 pixels, HD to 2048x1080 pixels and optional DVI dual-link to 2560x1600 pixels.

A full array of features includes dynamic window sizing and positioning, smooth zooming within images, custom borders, titling, programmable presets, clock and cursor control. Options include a redundant power supply, HDCP, dual-link output, and KVM control.

The SuperView 4100 processor offers an unbeatable value for a full-function multiviewer, designed for 24/7 operation.



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Specifications

Inputs

RGB Analog

Number/type	8 - analog RGB/YPbPr/HD
Video level	1.0 V p-p for G and Y composite, 0.7 V p-p for R, B and PbPr
Input impedance	75 ohms
Clock rate	Up to 165 MHz
Horizontal scan rate	12 kHz to 125 kHz
Frame rate	Up to 200 Hz
Resolution	640x480 to 1920x1200 and 2048x1152, 720p, 1080i, 1080p
Sync	RGsB, RGBS, RGBHV, YPbPr (tri-level or bi-level sync on Y)
Connector type	DVI-I

DVI Digital

Number/type	8 - DVI single-link 1.0
Resolution	640x480 to 1920x1200 and 2048x1152, 720p, 1080i, 1080p
Color depth	8-bit
Cable equalization	Automatic or manual; up to 164 ft or 50 m
Connector type	DVI-I
HDCP	Compliant

HDMI Digital

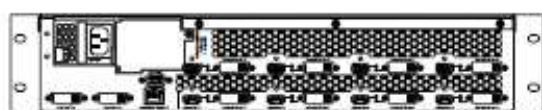
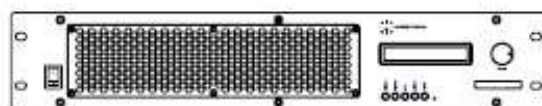
Number/type	8 - HDMI 1.3a
Resolution	640x480 to 1920x1200 and 2048x1152, 720p, 1080i, 1080p
Color depth	8-bit
Cable equalization	Automatic or manual; up to 164 ft or 50 m
Connector type	HDMI
HDCP	Option

Outputs

Type	DVI
Number	2 single-link or 1 dual-link (option)
Display resolution	Up to 1920x1200 and 2048x1080, dual-link to 2560x1600
Clock rate	35 to 165 MHz (single-link); 165 to 330 MHz (dual-link)
Pin power	500 mA @ 5 VDC per output
Connector	DVI-I (digital only)

Other

Power	100 - 240 VAC auto ranging 50/60 Hz 125 W maximum
Control	RS-232 command line Ethernet 10/100 BASE-T: Telnet and graphical user interface (via web browser)
Options	3rd-party controllers: SinglePoint KvM HDCP DVI dual-link output Redundant power supply
Size	Width: 17"/43.2 cm (excluding rack ears) Depth: 18"/45.7 cm Height: 3.5"/8.9 cm (2RU)
Weight	< 25 lbs/11.4 kg



SuperView 4100