



COMPUTER AND VIDEO SOURCES ON A SINGLE SCREEN

SUPERVIEW 4000 series
Models 4000-4/4 & 4000-6/6
Window Display Processors

8 and 12 window displays

RGB/DVI, HDTV, YPbPr, S-Video, NTSC/PAL inputs

Smoothly resize and position inputs

Ethernet and RS-232 control

Web operation

Titles and borders

RGB / DVI outputs

Real time operation

Pan & zoom

Control Rooms

Network Operations Centers

Video Teleconferencing

Air Traffic Control Towers

Medical Operating Rooms

Security / Surveillance

Training Facilities

The SuperView[®] 4000 series is a new generation of windowing systems. The new models expand the mid-range of RGB Spectrum's View™ processor line. Model 4000-4/4 simultaneously displays up to four RGB/DVI computer signals plus up to four video signals, from twelve switched inputs. Model 4000-6/6 simultaneously displays up to six RGB/DVI computer signals plus up to six video signals, from twenty-four switched inputs.

Each input can be sized and positioned anywhere on the screen, as well as panned and zoomed to emphasize areas of particular interest. Display alternatives are virtually infinite, and include quad split, side-by-side, picture-in-picture, and overlapping windows.

With borders and titling, backgrounds, dynamic window sizing and positioning, and smooth pan and zoom, the SuperView 4000 is ideal for any application requiring display of multiple images on a monitor or projector.

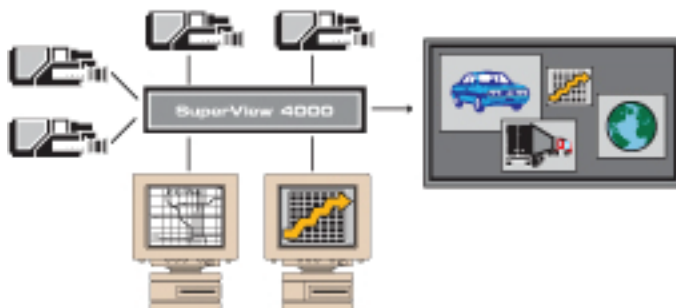
User-selectable output settings up to 1920 x 1200 resolution in both RGB and DVI format ensure a perfect match to any display. With DVI inputs and outputs, a completely digital signal path can be maintained from signal source to display.

Optionally, logos and background images can be loaded from compact flash cards or over a network.

Control is provided via RS-232 or Ethernet port. A web browser based control system offers both local and remote operation. The user interface provides a graphical representation of the screen with "drag and drop" window positioning and sizing.

Model 4000-6/6 offers optional redundant power supplies, compact flash reader/writer and on-screen digital clock.

The SuperView 4000 represents the state-of-the-art solution for decision making venues, including Network Operations Centers (NOCs), Tactical Operations Centers (TOCs) and Emergency Operations Centers (EOCs).



Remote operation via a web browser

Specifications Model 4000-4/4 Model 4000-6/6

Input Signals

Type / Number	4 x RGB / Y P _b P _r / HDTV/DVI 4 x Composite/S-Video	6 x RGB / Y P _b P _r / HDTV/DVI 6 x Composite/S-Video
Resolution	640 x 480 to 1920 x 1200 pixels 720p, 1080i, 1080p HDTV	640 x 480 to 1920 x 1200 pixels 720p, 1080i, 1080p HDTV
Horizontal scan rate	12 kHz to 125 kHz interlaced or non-interlaced	12 kHz to 125 kHz interlaced or non-interlaced
Frame rate	24 to 200 Hz	24 to 200 Hz
Video levels	0.7 V p-p	0.7 V p-p
Sync type	Sync on green, separate composite sync, or separate H-drive and V-drive	Sync on green, separate composite sync, or separate H-drive and V-drive
Connectors	DVI: 29-pin DVI-I Analog RGB: 15-pin HD D-Sub (female) Composite: BNC (female) S-Video: 4-pin mini DIN (female)	DVI: 29-pin DVI-I Analog RGB: 15-pin HD D-Sub (female) Composite: BNC (female) S-Video: 4-pin mini DIN (female)

Output Signals

Type / Number	1 x analog RGB 1 x DVI	1 x analog RGB 1 x DVI
Resolution	640 x 480 to 1920 x 1200 pixels	640 x 480 to 1920 x 1200 pixels
Horizontal scan rate	12 kHz to 125 kHz interlaced or non-interlaced	12 kHz to 125 kHz non-interlaced
Frame rate	24 to 200 Hz	24 to 200 Hz
Video levels	0.7 V p-p	0.7 V p-p
Sync type	Sync on green, separate composite sync, or separate H-drive and V-drive	Sync on green, separate composite sync, or separate H-drive and V-drive
Connectors	Analog RGB/DVI: 29 pin DVI-I	Analog RGB/DVI: 29 pin DVI-I

Other

Control	Ethernet 10 / 100 BASE-T RS-232 Web interface	Ethernet 10 / 100 BASE-T RS-232 Web interface
Power	90 - 264 VAC autorange 50 - 400 Hz Less than 55 W	90 - 264 VAC autorange 50 - 60 Hz Less than 95 W
Downloadable logos and backgrounds	N/A	Option, includes front panel compact flash reader/writer
Digital clock	N/A	Option
Redundant power supplies	N/A	Option
Replaceable air filters	N/A	Standard
Size	1.75" (H) x 15.3" (D) x 17.25" (W)	3.5" (H) x 15.3" (D) x 18.0" (W)
Rackmount	Rackmount kit included	Rackmount kit included
Weight	14 lbs. (6.3 kg)	25 lbs. (11.0 kg)

