The SuperView™ is the ideal solution for sophisticated applications – wherever multiple signal sources must be displayed simultaneously on a single screen. Each input channel offers the choice of RGB, component S-Video, or composite video. With up to twelve RGB and video input signals displayed simultaneously out of thirty six possible switched inputs, the SuperView processor is a better alternative to videowalls and other arrays of monitors or projectors.

The SuperView processor is easily installed and compatible with virtually all PCs and workstations. Functions can be controlled either from the easy-to-use front panel or remotely via the RS-232 port.

Optional VCP™ software controls the system under Windows.

Display alternatives are virtually infinite, and include side-by-side, picture-in-picture, and even overlapping windows. In addition, each input can be panned and zoomed to emphasize areas of particular interest.

Output resolution is user-selectable to 1600 x 1200 pixels. In addition, the output can be genlocked to an external signal, which can be displayed in the background. A DVI output is available for display devices that accept a digital signal.
Virtual Control Panel

The Virtual Control Panel (VCP) software supports a wide variety of RGB Spectrum products. VCP runs on PCs under Windows 95 and higher.

The VCP application provides comprehensive control with easy point-and-click access to functionality.

Specifications

Input Signals (in windows)

- **Number**: 4 to 12 RGB/video channels, factory configured (12 to 36 switched inputs)
- **Type**: RGB: 640 x 480 to 1600 x 1200 pixels Video: NTSC/PAL composite, S-Video, Y Pr Pb component
- **Horizontal scan rate**: 30 kHz to 90 kHz interlaced or non-interlaced
- **Video levels**: 0.7 V p-p
- **Sync type**: Sync on green, separate composite sync, or separate H-Drive and V-Drive
- **Connectors**: RGB/Component: 15-pin HD D-Sub (female) Composite: BNC (female) S-Video: 4-pin mini DIN (female)
- **Image controls**: Position, scaling, freeze frame, pan and zoom, brightness, contrast, saturation, hue, gamma, chroma key (requires genlock option)

Genlock / Background Signal (Option)

- **Horizontal scan rate**: 15 kHz to 100 kHz interlaced or non-interlaced
- **Resolution**: 640 x 480 to 1600 x 1200 pixels
- **Video levels**: 0.7 V p-p
- **Sync type**: Sync on green, separate composite sync, or separate H-Drive and V-Drive
- **Connectors**: 15-pin HD D-Sub (female)

Output Signal

- **Analog**: Same as above, to 1600 x 1200 pixels
- **Digital**: DVI to 1280 x 1024 pixels (option) For free run mode only
- **Free Run Mode**: User configurable internally generated sync
- **Genlock / Background mode**: Locked to an external signal, which can be displayed in the background (option)

Other

- **Control**: (2) RS-232 serial ports Optional VCP™ control software Optional front panel
- **Power**: 100-264 VAC, 47-63 Hz Less than 100 Watts
- **Size**: 2 RU / up to 6 inputs 3 RU / up to 12 inputs Width: 17.5” (44.5 cm) 17.5” (44.5 cm) Depth: 18.0” (45.7 cm) 18.0” (45.7 cm) Height: 3.5” (8.9 cm) 5.3” (13.3 cm)
- **Rackmount**: 2 RU / 3 RU rackmount kits available
- **Weight**: Approximately 22 lbs. (10 kg.)