

SmartView Multiscreen - SVMS2-DUAL, SVMS2-QUAD, SVMS4-DUAL, SVMS4-QUAD



SPECIFICATION:

SVMS4-Quad

Enables a keyboard, mouse and 4 monitors to control 4 computers.

SVMS4-Dual

Enables a keyboard, mouse and 2 monitors to control 4 computers.

SVMS2-Quad

Enables a keyboard, mouse and 4 monitors to control 2 computers.

SVMS2-Dual

Enables a keyboard, mouse and 2 monitors to control 2 computers.

Connectors

All connectors are rear mounted to ensure a neat installation and are colour coded according to the PC99 specification (keyboard=violet, mouse=green, video=blue) for easy identification. Keyboard and mouse ports use 6-pin mini-DIN female connectors. Video ports use standard 15-way high-density D-type connectors. Options port uses 15-way standard D-type connector with proprietary pin allocation. DC power connector provided for video-only and other special applications where interface powering is not possible.

Controls

- Front panel key for computer selection.
- Numerical display shows selected computer and keyboard/mouse activity.
- Optional remote controller connects to rear.
- Base-mounted reset and option switches.

Computer selection

Computers may be selected using the front panel key, keyboard hotkeys, a three button mouse or wheel mouse, RS232 data commands or the optional remote controller. The hotkeys are selectable and are designed to be quick-fire using a minimum number of key presses. The mouse may be used to select the next or previous computer by holding down the centre button whilst pressing the left or right button. Both keyboard hotkey and mouse switching may be independently disabled if required. When cycling through channels using the mouse or the hotkeys the user may configure the SmartView to select all ports or just the ports that have powered PCs attached. RS232 switching is useful for automated operation and the remote controller provides a convenient control method without locating the SmartView on the desk.

Operation mode

The keyboard, mouse and all the video heads are switched together so that the keyboard and mouse are controlling the computer whose video is currently displayed on the monitors.

Synchronised switching

SmartView Multiscreens may be linked together via their options ports to provide synchronised switching of 8,12 or 16 video channels controlled from one master unit.

Other features

- The SmartView provides a wide range of useful features including:
- User selectable password protection.
- Autoscan of all or active ports with selectable dwell times.
- Screen saver feature with selectable "kick in" time.
- User selectable keyboard hotkey combinations.
- Video may be disabled (channel zero selection).
- Ability to cycle between computers using hotkeys plus TAB.

Keyboard ports

PS/2 or AT style keyboards supported. PS/2 keyboards plug in directly. AT keyboards require a 6-pin mini-DIN to 5-pin DIN adapter. Automatic mode emulation and num / caps / scroll updates ensures that the keyboard is always in the expected state. Modes 1,2 and 3

are supported for full compatibility. Keyboard data is kept in its native format to ensure support for additional web control, hot media and other extra keys.

Mouse ports

The controlling PS/2 style mouse plugs directly into the SmartView. SmartView supports 2 and 3 button mice and most wheel and scroll mice including the Microsoft IntelliMouse and IntelliMouse Explorer. PS/2 or RS232 mouse connections to computers may be made in any combination. RS232 mice require an additional cabling adapter (VSA1). Prompt and stream mode support ensures compatibility with desktop and laptop PCs. 3 button mice or wheel mice may optionally be used to switch the SmartView's channel. Continuous port emulation on non-selected ports ensures problem free computer bootup.

Video ports

High bandwidth video supported at resolutions up to 1920 x 1440. Low distortion and excellent video transfer characteristic. Supports VGA / SVGA / XGA / XGA-2 / SXGA and UXGA video and VESA DDC1 and DDC2 signalling. Screen saver feature with user selectable "kick in" time.

Upgradeability

Flash upgradeable to support new devices by connecting a computer's serial port to the options port and running a download program.

Software and hardware compatibility

Software independent operation ensures very wide compatibility that includes Windows 3.X, WFWG, 95, 98, 2000, NT, ME, XP, DOS, Unix, Linux, NetWare, OS/2 and BSD. Hardware compatible with desktop and laptop PCs, RS6000, SGI and DEC Alphas.

Optional remote controller

Plugs into the options port at the rear of the SmartView. Duplicates the SmartView's front panel key and numerical display. May be attached to the top of a keyboard or the side of a monitor by the Velcro strips supplied. 60 x 29 x 12 mm. White / cream finish.

Power

For maximum convenience and reliability the SmartView draws its power from the attached computers like a keyboard. Optional power socket provided for video only applications. Interface ports individually fused with auto resettable fuses to protect your computers.

Physical

Metal case 260 x 105 x 155 mm. Steel and aluminium construction. SVMS4-Quad model weighs 1.5 kg.

EMC

Complies with European EMC directive 89/336/EEC. CE marked. FCC class A compliant.

Cables

SmartView to keyboard, mouse and monitors - 2m if interface powered or 10m if PSU used.

SmartView to computers - 5m if interface powered or 30m if PSU used. Adder 3-in-1 KVM cables recommended for keyboard, mouse and first video ports. High quality tri-coax video cables recommended for additional video ports.

Accessories

- RC1 Optional remote control unit.
- SVMSPSU Optional power adapter
- VSA1 Serial mouse adapter
- VKVM2 2m "3-in-1" KVM cable
- VKVM5 5m "3-in-1" KVM cable
- VKVM10 10m "3-in-1" KVM cable
- VKVM2-AT VKVM2 with AT adaptors
- VKVM5-AT VKVM5 with AT adaptors
- VKVM10-AT VKVM10 with AT adaptors
- VSC11 2m tri-coax video cable
- VSC12 5m tri-coax video cable
- VSC13 10m tri-coax video cable