Adder AVG2 AdderView Gem 2-Port KVM Switch

DESCRIPTION:

The AdderView GEM is the ultimate in desktop KVM convenience and allows up to four computers to be controlled from a single keyboard, monitor and mouse. All connections are made at the rear and with Adder's own high specification VKVM cables, your whole installation can be completed within minutes.

GEM is extremely compact and takes up very little space on your busy desktop or in a crowded server room. Available in either two or four channel models GEM is designed for ease of use and maximum compatibility with new and existing computer systems. Often low-cost is associated with low-specification, but not in the case of the GEM. Like all Adder switches GEM features SmartBoot, which intelligently allows all connected portable or desktop computers to boot as if they had their own dedicated keyboards and mice attached. It also supports PC/AT and PS/2 systems and provides high video bandwidth with low distortion at screen resolutions up to 1900 x 1440. This makes the GEM the ideal choice for use with larger monitors in CAD or DTP environments. The latest monitors equipped with DDC interfaces are also supported and this facilitates true "Plug-and-Play" compatibility.

GEM offers the user many choices for channel selection. Keyboard hot-key, mouse switching, front panel operation, RS232 and optional RC1 remote control switching are all provided as standard and access to connected computers can also be restricted using the GEMs security password protection feature.

FEATURES:

The GEM is ideal for SOHO (small office, home office) workers, hardware and software developers, test technicians, network managers, support desks or any environment where the need to control multiple computers from a single keyboard, monitor or mouse is required.

- A choice of compact two and four port models
- Reliable interface powered operation
- SmartBoot allows simultaneous bootup of all computers
- Standard colour coded connectors used to PC99 specification
- Channel selection via hot-key, mouse, front panel key or RS232
- Password protection prevents unauthorised access
- Cascadeable to support more than 4 PCs
- Supports Windows 3.X, 95, 98, NT4, 2000, DOS, UNIX, OS/2 and other common operating systems
- Hardware compatible with desktop and laptop PCs, RS6000, SGI and DEC Alphas
- Flash upgradeable for future enhancements
- Supports optional remote control module RC1
- High video quality supporting DDC monitors and screen resolutions of up to 1900 x 1440 Remote control RC1 Windows 3.X 95 98 NT 2000 ME Netware DOS OS2 PC RS6000 SGI Alpha UNIX Linux

SPECIFICATION:

1 shared keyboard, monitor and mouse to 2 CPUs

Connectors

2 x 15 way HD D Female for CPU video (DDC/Blue)
2 x 6 way mini DIN Female for CPU keyboard (Violet)
2 x 6 way mini DIN Female for CPU mouse (Green)1 x 6 way mini DIN Female for shared keyboard (Violet)
1 x 6 way mini DIN Female for shared mouse (Green)
1 x 15 way HD D Female for shared monitor (DDC/Blue)
1 x 15 way standard D Female for FLASH upgrade andRC1 remote, RS232 control and synchronisation
1 x 5V dc power inlet for optional 500mA external PSU
1 x Option switch (underside)

CPU video/monitor ports

A monitor can be plugged straight into the monitor port. Supports VGA/SVGA/XGA/XGA-2/SXGA/UXGA video.

VESA DDC1 and DDC2 signalling supported. Screen resolution of up to 1900 x 1440. Screensaver feature support.

Keyboard ports

Supports AT and PS/2 keyboards automatically. PS/2 keyboards plug in directly and keyboards with AT style 5 pin DIN plugs require an adaptor. Automatic mode emulation ensures that the keyboard is correctly programmed to the state expected by the CPU whenever the channel is changed.Type 1, 2 and 3 keyboards are supported.

Mouse ports

A PS/2 type Logitech or Microsoft compatible mouse is required to control the switch. Use of a 3 button mouse also allows channel switching. Many Internet wheel/scroll mice including Scrollpoint and Explorer are also supported. Prompt and stream modes supported for maximum portable and desktop mouse compatibility. All mouse connections from the GEM to PCs support both serial RS232 and PS/2 mice in any combination.

Maximum distance

2m if interface-powered or 10m if PSU used when attached keyboard, monitor and mouse.
5m if interface-powered or 30m if PSU used when attached to CPU or cascaded GEM.

Front panel key and display

Used for selecting channels and enter