



BLACK BOX[®]

NETWORK SERVICES

ServShare II



The reverse ServSwitch that enables up to 4 consoles to access a single computer. Also ideal for video splitting, resource sharing and KVM matrix applications.

Key Features

- ▶ Fully automatic sharing/switching on a timeout basis.
- ▶ Displays video to four user stations simultaneously.
- ▶ Supports high resolution 1900 x 1440 video using 280MHz amplifiers.
- ▶ Ideal for console sharing, video splitting and resource sharing applications
- ▶ Flash upgradeability ensures future compatibility

The ServShare II is a compact “reverse KVM switch” that enables you to connect multiple KVM (Keyboard, Video and Mouse) consoles to a single computer or ServSwitch. Connecting the ServShare II to a computer expands the number of KVM console connections, allowing you to control your computer from up to four different locations. The ServShare II is also ideal for connecting to the front end of ServSwitch products to increase the number of consoles that can share access to the switch.

The ServShare II is available with either two or four ports. Both models use standard connectors throughout so you can connect your equipment easily using common inexpensive cabling. For maximum convenience, the ServShare II may be powered using the supplied power

supply or, for many applications, may draw its power from the attached computer via the keyboard interface. Coupled together with the small and compact size, the interface powering feature ensures a neat installation.

The ServShare supports a high 280MHz video bandwidth and incorporates a user-selectable video boost function which provides video amplification to compensate for losses introduced by long video cables. High video resolutions up to 1600 x 1280 are supported and super high resolutions exceeding 1900 x 1440 may be achieved when short cables are used. To ensure maximum future compatibility, BLACK BOX has stored the ServShare’s firmware in flash upgradeable memory which may be user-upgraded via the keyboard port.

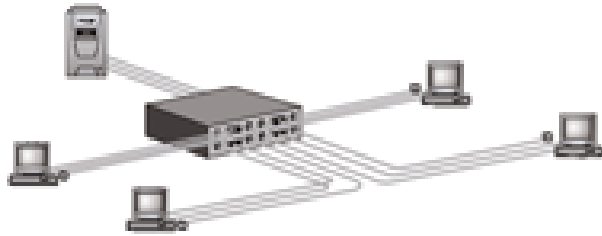
The ServShare II automatically manages access to the computer or ServSwitch on a timeout basis by only allowing one KVM console to be “active” at any one time. The video signal is distributed to all the consoles and the “inactive” state is indicated to the user by the rhythmic flashing of the keyboard’s num, caps and scroll lights. After the ServShare has detected no keyboard or mouse activity from the “active” console for the timeout period, access to the computer is made available to the other consoles.

Applications

Console Expansion

The ServShare is ideal for expanding the number of consoles that share access to your computer or KVM switch.

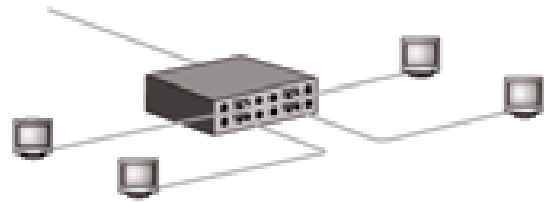
ServShare II - Console Expansion



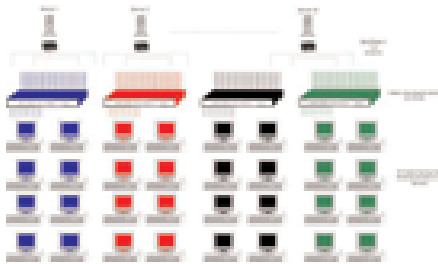
Video Splitting

The high bandwidth capability, video boost facility and the ability to support long video cable runs (up to 30 metres) make the ServShare a good choice for video

ServShare II - Video Splitting



Quad Matrix



Specifications

Share mode — Automatic with 2 or 5 second timeout; Inactive consoles indicated by flashing keyboard indicators.

Connectors — 15-way HD socket for all video;

6-way min-DIN socket for all keyboard and mouse (colour coded);

2.5mm power jack.

Physical —

2-port: 145w x 26h x 75d mm;

4-port: 145w x 44h x 75d mm

Indicators— Keyboard and mouse activity indicators (per port); power indicator.

Keyboard support — Modes 1,2, 3; PS/2 and AT compatible; supports extra keys on "Internet" style keyboards transparently;

Option switches — Provided to select timeout (2/5 seconds); power options; video boost and flash upgrade modes

Mouse support — 2 button; 3 button; wheel and IntelliMouse style mice with PS/2 connections

Video — 280MHz analogue video at resolutions up to 1900 x 1440; DDC connected to monitor port 1

Cable lengths — 30m max. cable run (input + output) for video only applications when used with power supply; 30m max. cable run for KVM applications with power supply;

10m cables from ServShare to console supported – typically also possible to extend to 20m for many applications; For interface powered applications, 2m cables supported on input and output; 5m cables supported for video matrix applications.

Hardware compatibility — IBM compatible PCs, Alpha, SGI and RS/6000; ServSwitch products; Special integration features provided for

operation with ServSwitch Duo and Quadro products

Software compatibility —

Compatible with all known software including Windows 3/95/98/NT/2000/ XP/ME etc., DOS, NetWare, Linux and Unix.

Approvals — CE marked.

Flash upgradeability — Via the keyboard port from a computer.

Power — Power supply rated at 5V DC, 2A; product is fuse protected with auto-resettable fuse.

Ordering information

ITEM

CODE

2 Port ServShare IIKV221A
4 Port ServShare IIKV421A