

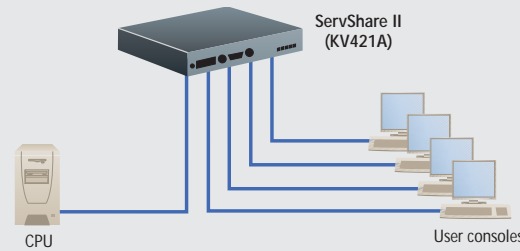


Access a single computer or KVM switch via two or four consoles.

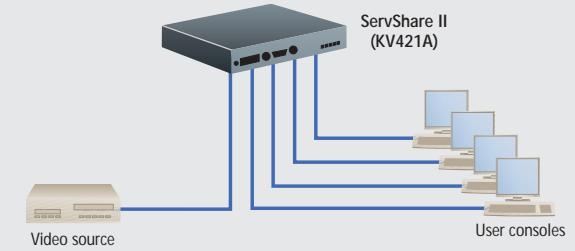
## FEATURES

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

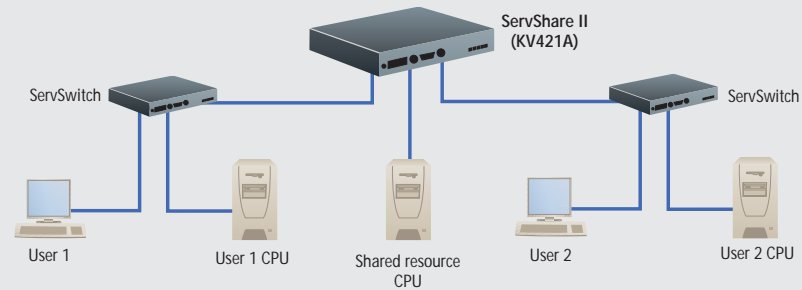
*Expand the number of consoles that share access to your computer or KVM switch.*



*Use the ServShare II as a video splitter and broadcast device.*



*Share resources with the ServShare II.*



## OVERVIEW

Suppose you have a small office with two to four computer users and want to access a single central CPU or KVM switch. Expand the number of consoles that share access to your computer or switch with the ServShare™ II. Available with two or four ports, the ServShare II can be used for video splitting, resource sharing, and KVM matrix applications.

The ServShare II features high bandwidth and video boost. Substantial bandwidth (up to 280 MHz) ensures that maximum amounts of data can be transmitted. Video boost amplifies the video signal to compensate for losses caused by long video cables. So not only do you get maximum data transfer with the ServShare, but you can also transfer the data over long runs of video cable (up to 96 feet [29.3 m]).

The ServShare supports high video resolutions up to 1600 x 1280. And it even supports super high resolutions exceeding 1900 x 1440 when short cables are used.

To ensure maximum future compatibility, the ServShare firmware is stored in flash-upgradeable memory that you can upgrade from the keyboard port.

Power the ServShare II either from the attached computer via the keyboard interface or from an optional power supply (call Tech Support for details).

While distributing the video signal to all of the consoles, the ServShare automatically manages access to the computer or ServSwitch on a timeout basis by allowing only one KVM console to be active at any one time. When a console is inactive, the keyboard's num, caps, and scroll lights flash. After the ServShare has detected no keyboard or mouse activity from the active console for the timeout period, it enables the other consoles to access the central computer.

The ServShare II works with popular ServSwitch models such as the ServSwitch Duo and Quadro. In these applications, it's configured as a "square matrix." A square matrix system is defined as one that has about the same number of console connections as user connections. Using a combination of ServShare and ServSwitch Quadro products, construct a 16-x-16 matrix KVM switch with a high degree of built-in redundancy.

## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

### Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.



KV421A

## TECH SPECS

**Share Mode** — Automatic with 2- or 5-second timeout, inactive consoles indicated by flashing keyboard indicators

**Keyboard Support** — PS/2® and AT® compatible (using modes 1, 2, and 3); Supports extra keys on Internet style keyboards transparently

**Mouse Support** — 2-button, 3-button, wheel, and IntelliMouse® style mice with PS/2 connections

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

**Cable Lengths** — 96 ft. (29.3 m) maximum cable run (input plus output) for video only applications when used with power supply

**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** — Windows® 3.x/95/98/XP/Me, Windows NT®, Windows 2000, DOS, NetWare®, Linux®, UNIX®

**Flash Upgradeability** — Via the keyboard port from a computer

**Connectors** — KV221A: Video: (3) HD15 F; Keyboard and mouse:

(6) 6-pin mini-DIN (color-coded); Power: (1) 2.5-mm connector;

KV421A: Video: (5) HD15 F; Keyboard and mouse: (10) 6-pin mini-DIN (color-coded); Power: (1) 2.5-mm connector

**Indicators** — Per unit: (1) Power LED;

Per port: Keyboard and mouse activity LEDs

**Power** — Input: 100–240-VAC desktop power supply, 50–60 Hz;

Output: 5 V DC, 2 A; fuse protected with auto-resettable fuse

**Size** — KV221A: 1"H x 5.7"W x 3"D (2.5 x 14.5 x 7.6 cm);

KV421A: 1.7"H x 5.7"W x 3"D (4.3 x 14.5 x 7.6 cm)

**Weight** — 1 lb. (0.5 kg)

Item	Code
ServShare II	
2-Port	<b>KV221A</b>
4-Port	<b>KV421A</b>