



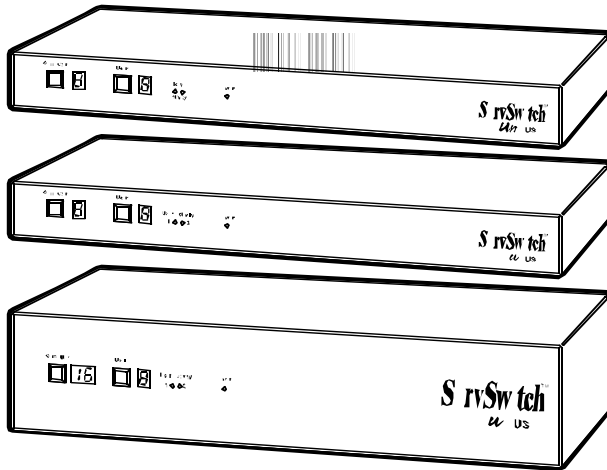
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Black Box Corporation.

BLACK BOX[®]

NETWORK SERVICES

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SERVSWITCH UNO USB AND DUO USB



Control USB computers from one or two sets of monitors, USB keyboards, and mice.

Key Features

- ▶ ***Supports USB controlling keyboards and mice.***
- ▶ ***Compatible with a variety of CPUs, including PS/2, USB, Mac USB, Sun, and Sun USB.***
- ▶ ***Select computers by name or description via on-screen menus.***
- ▶ ***Supports one or simultaneously supports two independent users.***
- ▶ ***Switch by OSD, front-panel key, keyboard hotkey, or three-button mouse.***

Suppose you have a group of up to 8 or 16 computers, including any combination of PS/2[™], USB, Mac USB, Sun, and/or Sun USB. Perhaps you have these computers installed in a server rack. These computers are primarily used for monitoring, and you want to be able to control all of them from either one or two USB keyboard(s), monitor(s), and mouse (mice).

The ServSwitch Uno USB and the ServSwitch[™] Duo USB are multiplatform KVM (keyboard/video/mouse) switches that let you connect to computers that have different styles of keyboard, video, and mouse ports and control all of these computers from one or two USB keyboard(s), monitor(s), and mouse (mice).

These multiplatform switches enable you to plug in a USB style keyboard and control PC, Sun, or Mac[®] computers without using key combinations. And they're

powered from the CPU interface. Standard colour-coded cable connections make installation easy and inexpensive.

Use a single ServSwitch Uno USB to control up to eight computers with one keyboard/monitor/mouse combination via the USB port on your PC, Sun[®], or Macintosh[®] computers. Or use just one ServSwitch Duo USB to operate up to 8 or 16 computers with two keyboard/monitor/mouse combinations via the computers' USB ports. Two independent users are simultaneously supported.

If you need to cascade the ServSwitch Uno or Duo USB, use the Uno/Duo USB as the master switch, but not as a switch cascaded to the master switch. The cascaded switches must be the ServSwitch Uno (KV6016FA-R2), Duo (KV6104SA-R2, KV6108SA-R2, KV6112FA-R2), or

Quadro (KV6116FA-R2). For details about these non-USB ServSwitches, see FaxBack 20912.

Cascade up to three levels of ServSwitch units to one master ServSwitch to attach even more computers. Switch channels via OSD (on-screen display), front-panel key, keyboard hotkey, or 3-button mouse. And front-panel controls can be locked for secure operation.

Select computers by name or description via on-screen menus. Assign access rights to users via configurable security. Monitors are supported at up to 1920 x 1440 resolution. The ServSwitch automatically restores keyboard and mouse states when the channel is changed. The ServSwitch Uno USB or Duo USB supports user-definable hotkeys and mouse modes.

Flash-programmable and upgradable PS/2 to USB and PS/2 to Sun converter cables provide emulation to all connected USB computers, even when they're not

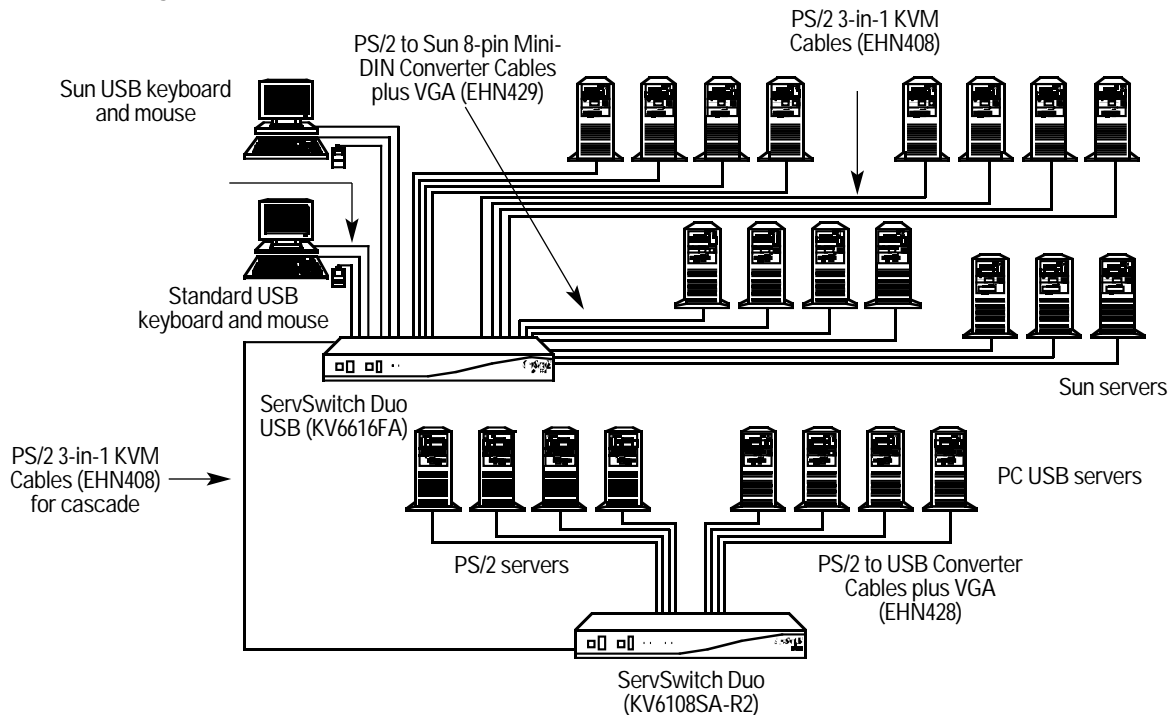
connected to a keyboard and mouse or switch.

The ServSwitch Uno USB and Duo USB support a wide range of software operating systems,

including Windows® 3.x, WFWG, 95, 98, 2000, Me, XP, and Windows NT®, as well as DOS, UNIX®, Linux®, NetWare®, OS/2®, BSD, Sun OS, and Mac OS.

The ServSwitch Uno USB or Duo USB supports three computer control modes—exclusive, shared, and video only.

Control multiple PC, Mac, and Sun USB CPUs from two sets of keyboards/monitors/mice via the ServSwitch Duo USB.



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

Recognise 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.

Specifications

Maximum Distance: USB distances can vary depending on your application. Please call Tech Support for details.

Maximum Resolution: 1920 x 1440

Protocol: RS-232/V.24 async

Data Rate: Up to 19.2 kbps

Data Format: 8 data bits, no parity, 1 stop bit

Flow Control: None (but DTR, DSR, CTS all held high)

User Controls: On-screen menus; keyboard commands; mouse-click functions; (1) button for user logout; (1) button for computer selection

Interface:

Video: VGA (including SVGA, XGA, and VESA DDC support); DDC 1 and DDC 2 signalling;

Keyboard and mouse: USB, Sun (8-pin), PS/2, and AT[®]/RS-232 style;

Serial: Subset of TIA-574 (IBM[®] PC DB9) pinout of TIA/EIA RS-232, USB, and Sun with appropriate converter cables

Connectors: Per User port: (1) HD15 for monitor, (2) Type A for keyboard and mouse;

Per CPU port: (1) HD15 F for video port attachment and (2) 6-pin mini-DIN F for keyboard and mouse;

Serial port: (1) DB9 F; Power: (1) barrel jack

Indicators: LEDs: (1) Power, (2) User Activity; Selected user: (1) 7-segment display; Selected CPU: (1) 7-segment display

Power: 100–240 VAC, 50–60 Hz, autosensing, external (PS649)

Size: KV6508SA, KV6608SA: 1.75"H (1U) x 17.3"W x 8.7"D (4.4 x 43.9 x 22.1 cm); KV6616FA: 3.5"H (2U) x 17.2"W x 8.7"D (8.9 x 43.7 x 22.1 cm)

Weight: KV6508SA, KV6608SA: 5.5 lb. (2.5 kg); KV6616FA: 7.7 lb. (3.5 kg)

Ordering Information

ITEM	CODE
ServSwitch Uno USB	
1 User x 8 CPUs	KV6508SA
ServSwitch Duo USB	
2 Users x 8 CPUs	KV6608SA
2 Users x 16 CPUs	KV6616FA
<i>For CPU connectivity, you might also need...</i>	
PS/2 to USB Converter Cables plus VGA	
6-ft. (1.8-m)	EHN428-0006
16-ft. (4.9-m)	EHN428-0016
35-ft. (10.7-m)	EHN428-0035
PS/2 to Sun 8-Pin Mini-DIN Converter Cables plus VGA	
6-ft. (1.8-m)	EHN429-0006
16-ft. (4.9-m)	EHN429-0016
35-ft. (10.7-m)	EHN429-0035
PS/2 3-in-1 KVM Cables	
5-ft. (1.5-m)	EHN408-0005
10-ft. (3-m)	EHN408-0010
20-ft. (6.1-m)	EHN408-0020
30-ft. (9.1-m)	EHN408-0030
50-ft. (15.2-m)	EHN408-0050