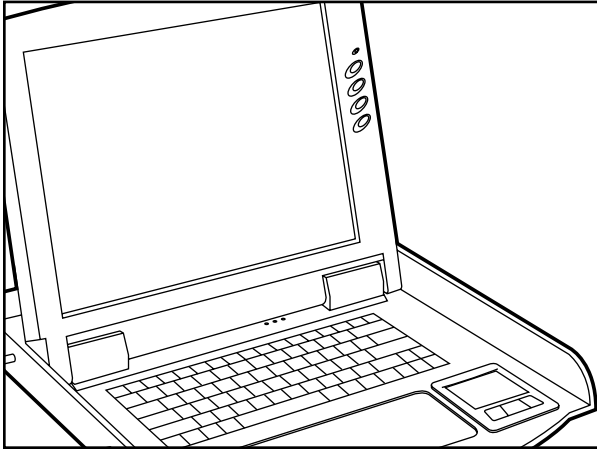# BLACK BOX®
NETWORK SERVICES

ServSwitch™ ServView

Administer rackmounted servers using less money and a <u>lot</u> less rack space.

Key Features

▶ *Rackmounted monitor/ keyboard/mouse drawer occupies only 1U of rack space.*

▶ *14.1" (35.8-cm) flat-panel display supports up to 1024 x 768 at up to 75 Hz.*

▶ *Standard 83-key laptop keyboard and glide-point touchpad.*

▶ *Connects to a CPU or KVM switch with the included three-to-one cable.*

▶ *All rackmount hardware included.*

▶ *Compatible with all standard IBM PC OSes.*

▶ *Autosensing power supply.*

Trying to manage your server farm or data-center PCs with a dedicated "user station" (monitor, keyboard, and mouse) for each computer CPU is not only expensive, it's a huge waste of your valuable real estate. For each user station you put in a rack, the monitor can eat up 10U (17.5", 44.5 cm) or more of vertical rack space. Who can afford that?

Our ServSwitch™ ServView cuts this problem down to size—namely, only 1U (1.75", 4.5 cm). It's a monitor/keyboard/mouse drawer that mounts in that much space in a 19" equipment rack. Once you attach it to a CPU or a KVM switch, you can pull out the drawer, open the ServView, and administer the CPU or switch locally. Then, when you're done, just close the ServView and push the drawer back in.

The ServView has a 14.1" (35.8-cm) TFT (thin-film transistor) LCD screen, like those on many notebook computers. This screen can support resolutions up to its preferred resolution of 1024 x 768. It can also support refresh rates between 60 and 75 Hz.

The ServView also has a notebook-style full 83-key US/UK English keyboard with a low-profile design, plus a glidepoint touchpad that can perform all the functions of a two-button mouse. (The ServView can't perform the center-button functions of a three-button mouse or the wheel functions of a wheel mouse.)

But the ServView isn't a notebook computer. It has no processing power of its own and uses no software, although it's compatible with all standard operating systems for the IBM PC. Instead, it takes the place of a monitor, keyboard, and mouse.

Besides its power inlet, the ServView has a single proprietary composite HD15 female connector like a PC's video port. This is *not* just a video connector; it carries video, keyboard, *and* mouse signals at the same time. You'll use the included cable,
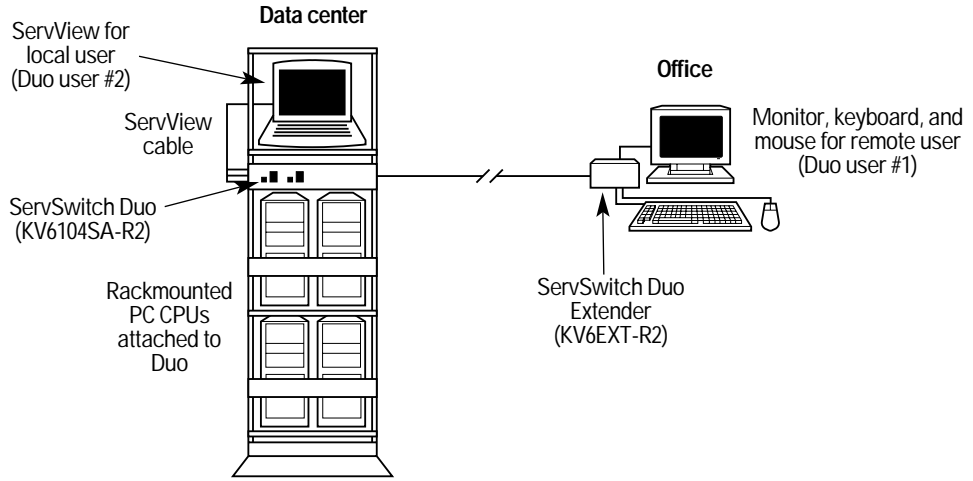
which has an HD15 male plug on one end and one HD15 male and two 6-pin mini-DIN male plugs on the other end, to attach the ServView to a CPU or KVM switch.

The ServView comes with all of the hardware you'll need to mount it in your rack. This includes the telescoping rail assembly that makes the drawer work, a cable-carrier arm that lessens cable strain and reduces clutter, and twenty screws.

You can set a few things about the ServView's TFT display—including its brightness, contrast, built-in clock, and whether or not it auto-adjusts to different resolutions—with a small set of on-screen menus controlled through four buttons mounted beside the screen.

The ServView can be used just about anywhere in the world—it has an autosensing 100-to-250-VAC internal power supply.

The ServView makes the perfect local user station for rackmounted KVM switches.

Data center

ServView for local user (Duo user #2)

ServView cable

ServSwitch Duo (KV6104SA-R2)

Rackmounted PC CPUs attached to Duo

Office

Monitor, keyboard, and mouse for remote user (Duo user #1)

ServSwitch Duo Extender (KV6EXT-R2)

Specifications

Compliance: CE (EN 55022 Class A, EN 55024, EN 60950); CISPR 22 Class A, CISPR 24, IEC 950; FCC Part 15 Subpart J Class A, IC Class/classe A

Interface: Proprietary composite of VGA compatible video and IBM PS/2 compatible keyboard and two-button mouse

Resolution: Up to 1024 x 768 noninterlaced

Refresh Rate: Up to 75 Hz

Maximum Distance: Up to 25 ft. (7.6 m) to the attached CPU or KVM switch depending on cable quality

User Controls:
Standard 83-key notebook keyboard;
Glidepoint touchpad;
On-screen menus;
(4) Pushbuttons mounted beside the screen for menu navigation;
Rear-mounted ON/OFF rocker switch

Indicators:
On-screen display;
Num Lock, Caps Lock, and Scroll Lock LEDs on keyboard;
Power/video LED mounted beside screen

Connectors: Both rear-mounted;
(1) HD15 female for composite I/O;
(1) IEC 320 male power inlet

Maximum Altitude:
Operating: 3048 m;
Storage: 9144 m

Temperature Tolerance:
Operating: 0 to 40°C;
Storage: –20 to +60°C

Humidity Tolerance:
Operating: 10 to 90% noncondensing;
Storage: 5 to 95% noncondensing

Audible Noise: Less than 60 dBA

Thermal Dissipation: Up to 25,000 BTU/hr. maximum

Enclosure: Steel and high-impact plastic (rackmount rails are steel)

Grounding: Chassis-grounded

Fuse: 250 V, 2.0 A maximum

Power: From utility-power (mains) outlet, through detachable power cord and IEC 320 male inlet, to internal transformer:
Input voltage: 100 to 250 VAC;
Input frequency: 50 to 60 Hz, single-phase;
Input current: From 0.5 amps at 250 VAC to 0.7 amps at 100 VAC;
Consumption: 24 watts maximum

Size:
Chassis only: 4.2 x 41.9 x 44.5 cm;
Chassis with mounting-rail assembly attached: 4.2 x 44.5 x 61 cm

Weight: 5.7 kg

The complete package

- The ServSwitch™ ServView.
- A telescoping rackmount-rail assembly.
- A cable-carrier arm.
- Assorted screws.
- A power cord.
- A three-to-one ServView cable.
- A manual.

Ordering Information

ITEM	CODE
ServSwitch™ ServView	KVT109A

You might also need…

Premium KVM CPU Cable, 10 ft. (3 m)	EHN408-0010
Keyboard-port adapter for PC/AT CPU	FA212
Adapter for CPU with serial mouse port	FA314
PS/2 keyboard/mouse surge protector	SP519A-R2

Call Black Box Tech Support for help determining your best options for AC-power protection.