

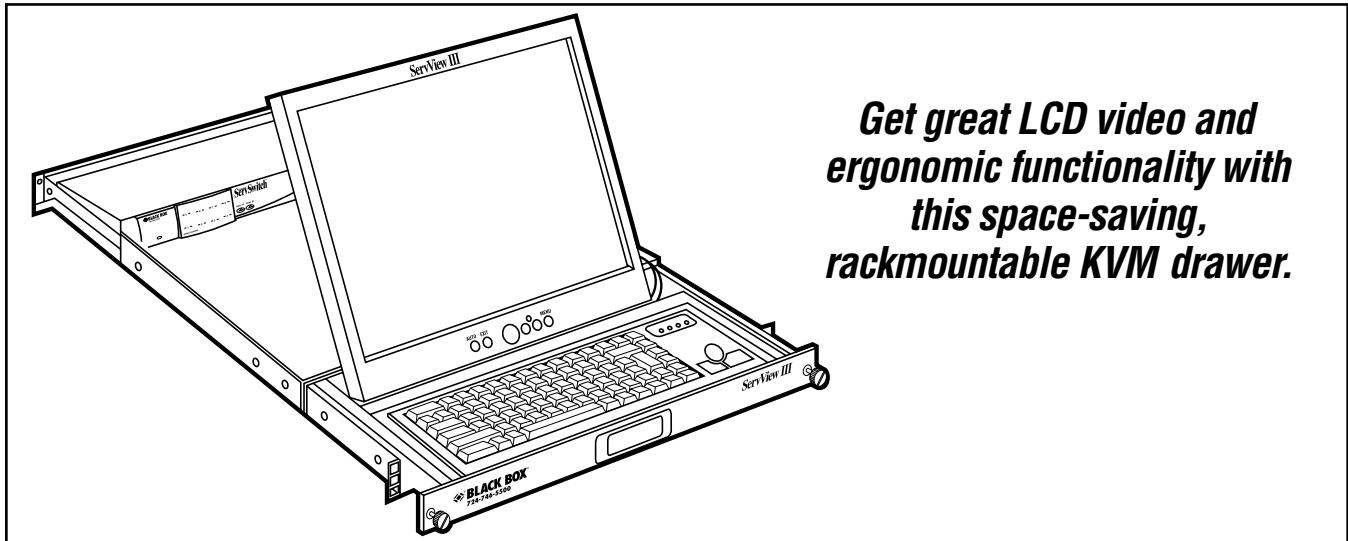


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# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### SERVVIEW III



*Get great LCD video and ergonomic functionality with this space-saving, rackmountable KVM drawer.*

### Key Features

- ▶ **A keyboard/trackball and a 19" LCD monitor attached to a compact, sliding drawer.**
- ▶ **Fits in 1U of space within a standard 19" cabinet or rack with 28" to 36" depth.**
- ▶ **Includes mounting rails.**
- ▶ **Fine-tune LCD panel screen with front-panel controls.**
- ▶ **Panel consumes less energy and includes power management.**
- ▶ **Plug-and-Play compatible.**
- ▶ **1280 x 1024 resolution.**

**M**anage your data center CPUs or servers while making the most of available space with a ServView III.

Designed for heavy-duty use, this rackmountable keyboard, monitor, and mouse combination offers the benefits of a high-performance, ergonomic workstation without requiring a lot of space.

All three components are built into a drawer that fits in just 1U (1.75", 4.4 cm) of vertical space within a 19" (48.3-cm) rack or cabinet. The lightweight tray can be mounted at any height within a rack or cabinet to give you optimum viewing.

Just slide the ServView III drawer out of its rack or cabinet, tilt up the multisync monitor panel, and go to work. It's especially convenient when you have to access computers that are installed in nearby racks.

When you're finished using it, simply fold down the panel and

slide the unit back into the cabinet or rack. The front panel on the ServView III conceals it when it's not in use.

And it includes not just any monitor. What you get is a large 19" liquid crystal display (LCD) that provides crisp video with up to 1280 x 1024 resolution and an 75-Hz refresh rate, and is VGA, SVGA, and XGA compatible. The flat, easy-to-view, color LCD takes up less space than conventional cathode ray tube (CRT) monitor screens. What's more, there's no screen flicker, so it's easier on the eyes. The monitor uses amorphous silicon (a-Si) thin-film transistors (TFTs) for the LCD, with light passing through filtered glass and liquid crystals to produce a clear video image. With ServView III, you can save monitor space in your server room without sacrificing video quality!

Also keep in mind that LCD monitors consume less power and generate less heat—so they're an

ideal solution for equipment-dense rack or cabinet installations where maximum airflow can make all the difference. You can reduce your rack ventilation requirements and overall computer room cooling costs.

For even less power consumption, the ServView II LCD Monitor features a built-in power-management system that saves energy by switching the monitor to a low-power mode when it goes unused for a certain amount of time. To get the monitor to return to normal operation, just move your mouse or press a keyboard key.

When used with a computer equipped with VESA DPMS functionality, the monitor achieves EPA Energy Star<sup>®</sup> and NUTEK Energy 2000 compliance.

The ServView III drawer's keyboard is a full-size one that has gold-plated key switches with a lifetime of 20 million key presses. Keys are spaced 18 mm apart to make typing comfortable.

For the unit's overall space-saving design, the numeric keyboard has been moved and incorporated into the main alphanumeric block. Numeric keys for "4" and "5," for example, now occupy a second legend on the "U" and "I" keys. When the keyboard's NumLock LED is lit and the Pad LED is extinguished, these secondary functions can be enabled by depressing the "Fn" key while using them.

The integrated trackball controls the on-screen pointer and provides easy mouse movement, with a tracking speed of 500 mm/second and a variable resolution from 20 to 6400 dpi. Its

buttons operate the same as left and right mouse buttons. For comfort, the trackball features an ergonomic wrist rest.

With the four included mounting rails, the drawer installs easily in a standard 19"-wide cabinet or rack and can be set for 28" (71.1 cm) to 36" (91.4-cm) depths.

To attach the keyboard/mouse to your system (PS/2® only), you simply switch off your computer system, plug the violet-colored PS/2 jack into the keyboard jack on the computer, and plug the green PS/2 jack into the mouse jack on the keyboard. It's now ready to use! The included cable

can be stretched more than 5 feet to reach CPU connections in the rack or cabinet.

The ServView III can also be attached to a KVM switch, including a ServSwitch™, with a single composite cable. An external cable-carrying arm reduces cable clutter.

There are no hassles and there's no confusion when setting it up. The ServView III works with any Plug-and-Play compatible system, which can configure itself for use with the panel automatically by recognizing the panel's Extended Display Identification (EDID) and Display Data Channel (DDC) protocols.

An auto-adjustment feature optimizes the display settings for use with your computer. But to get the best image from the ServView III's LCD, you can fine-tune the image's brightness, sharpness, contrast, frequency, gamma, and other characteristics by using control buttons on the monitor's front. Adjustments display as numeric values on an on-screen menu while you make them.

The ServView III also provides a self-test feature that enables you to check whether it's functioning properly.

## Specifications

**LCD Colors:** 16.7 million

**LCD Contrast Ratio** 150:1 typical

**LCD Display:** 19" diagonal a-Si TFT  
LCD active matrix color

**Keyboard Compatibility:** PC,  
AT®/XT®, PS/2®

**LCD Resolution (Maximum):**  
1280 x 1024 @ 75 Hz

**Trackball Mouse Compatibility:**  
PS/2 or serial

**LCD Compatibility:** VGA, SVGA,  
XGA, Mac® VGA, Mac XGA

**Connectors:** Keyboard:  
(1) PS/2 6-pin mini-DIN;

Trackball mouse:  
(1) PS/2 6-pin mini-DIN;  
Monitor: (1) HD15

**Temperature Tolerance:**  
Operating: 32 to 122°F (0 to 50°C);  
Storage: -13 to +149°F  
(-25 to +65°C)

**Humidity Tolerance:**  
10 to 80% noncondensing

**Power:** 100–240 VAC, 50–60 Hz,  
autosensing

**Size:** 1.75"H x 19"W x 28" to 36"D  
(4.4 x 48.3 x 71.1 to 91.4 cm)

**Weight:** 53 lb. (24 kg)

## The complete package

- Drawer assembly including (1) keyboard, (1) trackball mouse, and (1) 19" LCD monitor on a telescoping, rackmount rail assembly
- (1) cable-carrier arm
- (8) 10-32 x 5/8" self-tapping screws
- (1) PS/2 serial adapter
- (2) strips of VELCRO®
- (1) power cord
- (1) users' manual

## Ordering Information

ITEM	CODE
ServView III .....	KVT140A
<i>You might want to call Black Box Tech Support for help determining your best options for CPU cabling, as well as AC-power backup and protection</i>	

