

## ServView™ V KVM Trays

**Rackmountable, 1U, dual-rail, space-saving trays increase efficiency and simplify remote server management.**



## FEATURES

- » Dual-rail console drawer features keyboard, touch pad, and LCD monitor in 1U.
- » Keyboard and LCD display slide in and out independently.
- » Lets you stow keyboard and leave monitor open for through cabinet monitoring.
- » Flip-open 17" LCD panel supports resolutions up to 1280 x 1024.
- » Front-panel on-screen display (OSD) control and LED indicator enable adjustment of display image.
- » KVM switch function module connects to VGA, and either PS/2 or USB servers.
- » Single-port model (KVT517A-1UV-R2) connects DVI-D or VGA with PS/2 or USB servers.
- » Cascade the console with other KVM switch modules to increase server management capacity.
- » LED lighting bar indicates power status of console and KVM modules.

## OVERVIEW

The ServView V offers server management in a space-saving, streamlined package. The tray includes a keyboard touchpad, a 17" TFT LCD panel, and an optional KVM switching module housed in an industry-standard 19" dual-rail, 1U rack drawer, saving you valuable cabinet space.

The dual-rail design enables the keyboard and LCD display to slide in and out of the rack independently of each other. Store the keyboard out of the way while keeping the display open so you can easily monitor your servers. Check system status even with the cabinet door closed.

### Easy in-and-out.

The sturdy, slim drawer helps reduce server room clutter. Pull it out and latch it securely in place to use. Or fold your display into the drawer, slide it into the rack, and lock it in place. The ServView V also includes a scratch-resistant surface and a slip-free handle.

Installation is easy, too. Its tilt-free bolt design means no tricky corners to navigate.

### Easy to see.

The LCD supports a maximum resolution of 1280 x 1024 at 60 Hz. On-screen menus provide quick access to adjust brightness, contrast, screen resolution, and refresh rates. At a 45-degree angle, the LCD monitor automatically shuts down, so you don't have to worry about leaving it on when you put it away. Additionally, Sun® native resolutions are supported for multiplatform functionality.

### Easy to use.

The drawer console features a full 105-key, low-profile keyboard. It also supports Sun and Mac® keyboard mapping.

The touchpad has simulated wheel control and is dust- and waterproof. Both the keyboard and the touch pad are replaceable.

### Easy to order.

Choose from single-, 8-, or 16-port KVM switching modules. The single-port model includes all the cables you need. You will need to order cables with the 8- and 16-port models' USB or PS/2 connections.

### What we do that others don't:

From the solid construction of our KVM trays, to unique features like LEDs on the front panel and integrated KVM switching, Black Box's KVM trays are miles ahead of the competition.

Nothing reduces clutter in a server room like KVM trays that are 1- or 2U high, and mount in a cabinet or rack. Here are some of the features that set our KVM trays apart:

### TFT LCD support.

This type of monitor uses thin-film transistor (TFT) technology to improve image quality, resulting in higher resolutions, better image contrast, and addressability. All our KVM trays support TFT LCD panel monitors.

### Dual rail technology.

This KVM tray technology enables the monitor drawer and the keyboard/mouse drawer to move independently of each other. It makes it easy to leave the monitor visible even when a server cabinet is closed and the keyboard/mouse drawer is fully retracted. Black Box has added switching controls to the monitor bezel that can be used to control an attached switch without pulling open the keyboard/mouse drawer for even more space-saving benefits.

Additionally, the dual rails provide a great monitoring environment without disturbing your cooling system.

### You asked for it.

Our ServView V KVM Drawer and ServView V KVM Drawer with Widescreen were designed based on feedback we have received from some of our customers.

On the front panel of the tray, there is an LED panel, which helps you locate the drawer when it's closed in a darkened data center. The tray only takes up 1U of rack space, and it features the dual rail technology described earlier.

We added front-panel controls for switching, so if you choose a model with an embedded KVM switch, you can use the buttons on the monitor bezel without pulling out the keyboard. Additionally, the top of the keyboard tray features a hideaway connection for USB wireless devices, such as RF- or Bluetooth® supported keyboards and mice. You can wirelessly access your attached targets, without even opening the cabinet door!

Another feature is the front-panel USB port, which provides crash cart access. If your keyboard or Glidepoint® mouse quit on you, simply use this port to attach a passthrough pointing device.

Finally, the widescreen version supports 1920 x 1080 resolutions and DVI connections—two firsts in the data center.



All models have an LED bar on the front (**above**) that enables you to easily find your closed tray in a darkened server room or data center.

*ServView V Wide Screen (KVT517A-8DV-WIDE) with LCD panel open and keyboard and mouse tray closed.*



For even more convenience and versatility, the top of the keyboard/mouse tray features a hideaway USB port for USB HID-supported wireless keyboards and mice (RF or Bluetooth).

*ServView V (KVT517A-XXX) with LCD panel open and keyboard and mouse tray drawer open.*

## Trays with CATx Integrated Modules

Another unique option provided with the ServView V KVM Trays is the CATx Integrated Tray Modules. These switching options enable users to control up to 16 multiplatform computers from the KVM tray console, with expansion options to increase the number of servers available.

These switching modules offer various port configurations and remote access options. The non-IP modules provide a KVM extension port that enables a second KVM console to access the switch from 984.5 feet (300 m) using standard CATx cabling and a ServSwitch™ CX Remote Unit.

The KVMoIP modules enable network users to control the switching module from a computer on the LAN or WAN using a VNC viewer or Web browser. For high user availability, order the KVT517A-16CATX-4IP, which enables up to four KVMoIP users to simultaneously access different computers.

For connections, use convenient network-style CATx patch cables—thin, flexible cables that are popular in racked applications (i.e. GigaBase® CAT5e cables, EVNSL81). Add USB, PS/2, and Sun® style server access modules (SAMs) for each server connection.

Control the modules using the on-screen display (OSD) menu, push buttons, hotkeys, or mouse. Expand the system using the ServSwitch CX Uno (KV0081A, KV0161A). Connect the CX Uno as a satellite using a single CATx patch cable. With these switching modules, users can control a serial power switch, enable password security access with user profiles, respond to RS-232 switching commands, and much more.

KVMoIP modules come with free WIZARD.NET management software, simplifying the access, security, and management systems with larger numbers of computers or users.

### What's included

- ◆ ServView V KVM tray
- ◆ KVM switch module (except for the single-port model)
- ◆ Power supply
- ◆ Power cord
- ◆ Rear rails
- ◆ User's manual
- ◆ Single-port model also includes computer cables for connection to USB or PS/2 devices

## TECH SPECS

**Active Display Area** — KVT517A-1UV-R2, KVT517A-8PV, KVT517A-8UV, KVT517A-16PV, KVT517A-16UV:

10.6"H x 13.3"W  
(27 x 33.8 cm);

KVT517A-8DV-WIDE:  
9"H x 14.5" (22.9 x 36.7 cm)

**Adjustments** — On-screen display  
**Backlight Unit** — 4 CCFLs edge-light (top/bottom)

**Colors** — 262 k (RGB 6-bit)

**Contrast Ratio** — 500:1

**Display** — TFT LCD

**Environmental** — Operating temperature: 32 to 122° F (0 to 50° C);

Storage temperature: -4 to +140° F (-20 to +60°C);

Operating humidity: 8 to 95% relative;

Storage humidity: <95% relative

**Input Signal** — RGB analog, H/V separate

**Pixel Pitch** — KVT517A-1UV-R2, KVT517A-8PV, KVT517A-8UV, KVT517A-16PV, KVT517A-16UV:  
0.264 mm;  
KVT517A-8DV-WIDE: 0.1989 mm

**Resolution (Maximum)** —  
KVT517A-1UV-R2, KVT517A-8PV, KVT517A-8UV, KVT517A-16PV, KVT517A-16UV: 1280 x 1024;  
KVT517A-8DV-WIDE: 1920 x 1080 (1920 x 1200 scaled)

**Viewing Angle** —

KVT517A-1UV-R2, KVT517A-8PV, KVT517A-8UV, KVT517A-16PV, KVT517A-16UV: -80 to +80, -80 to +80 typical;  
KVT517A-8DV-WIDE: -70 to +70, -60 to +60 typical

**CE Approval** — Yes except for KVT517A-8DV-WIDE

**RoHS** — Yes

**Power** — KVT517A-1UV-R2, KVT517A-8PV, KVT517A-8UV, KVT517A-16PV, KVT517A-16UV:

External Power Supply:  
100–240-VAC, 50–60 Hz with 12-VDC, 4-A output, 37 watts maximum;  
KVT517A-8DV-WIDE: Internal power supply:  
100–240-VAC, 50–60 Hz with 12-VDC, 4-A output, 20.6 watts maximum

**Size** — KVT517A-1UV-R2, KVT517A-8PV, KVT517A-8UV, KVT517A-16PV, KVT517A-16UV: 1.7"H x 17.3"W x 19.5 to 39.5"D (4.4 x 44 x 49.5 to 100.3 cm)  
KVT517A-8DV-WIDE: 1.7"H x 17.3"W x 27.2"D (4.4 x 44 x 69 cm)

Item	Code
<b>ServView V KVM Drawers with Dual-Rail Technology</b>	
Single-Port, DVI, VGA, USB, PS/2	KVT517A-1UV-R2
with 8-Port KVM Switch, VGA, PS/2	KVT517A-8PV
with 8-Port KVM Switch, VGA, USB, PS/2	KVT517A-8UV
with 16-Port KVM Switch, VGA, PS/2	KVT517A-16PV
with 16-Port KVM Switch, VGA, USB, PS/2	KVT517A-16UV
with 8-Port DVI KVM Switch, Widescreen	KVT517A-8DV-WIDE

**You may also need...**

<b>ServView V CPU Cables</b>	
<b>PS/2 Cables</b>	
6-ft. (1.8-m)	EHN70001-0006
10-ft. (3.0-m)	EHN70001-0010
15-ft. (4.5-m)	EHN9000P-0015
30-ft. (9.1-m)	EHN9000P-0030
<b>USB Cables</b>	
6-ft. (1.8-m)	EHN9000U-0006
10-ft. (3.0-m)	EHN9000U-0010
15-ft. (4.5-m)	EHN9000U-0015

Item	Code
<b>CATx Integrated KVM Tray Modules with ServView V</b>	
8-Port, CATx	KVT517A-8CATX
16-Port, CATx	KVT517A-16CATX
8-Port, CATx with IP	KVT517A-8CATX-1IP
16-Port, CATx with IP	KVT517A-16CATX-1IP
16-Port, CATx with IP, 4 User	KVT517A-16CATX-4IP
◆ Include KVM tray with keyboard, touchpad, and LCD monitor, 8- or 16-port KVM module, power supply, Universal Rear Rail kit, and user's manual.	

**For each server connection, you need...**

<b>ServView V Server Access Modules</b>	
PS/2 Basic	KV1400A
with Audio	KV1402A
USB Basic	KV1401A
with Audio	KV1403A
Sun with Audio	KV1404A
USB Dual CATx	KV1405A
USB Dual CATx, Audio	KV1406A
Serial Quad IP CATx	KV1407A

## 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.