

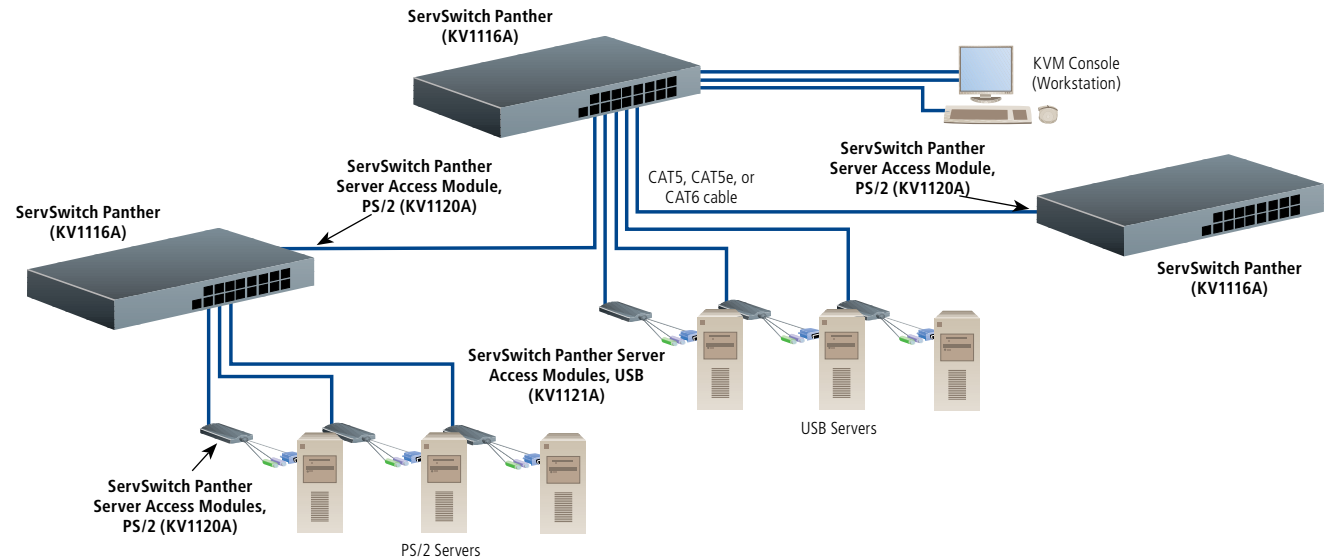
## ServSwitch Panther

Control up to 256 computers from  
1 keyboard/video/mouse (KVM)  
console that uses UTP cables.



## FEATURES

- » Compatible with PS/2 and USB computers or servers.
- » Provides maximum resolution of 1600 x 1200 @ 75 Hz.
- » Three password levels (administrator, supervisor, and user) ensure superior security.
- » Operate via on-screen display (OSD), front-panel pushbuttons, or keyboard hotkeys.
- » Flash cable and rackmount kit included.



## OVERVIEW

Attach up to 8 or 16 computers to the **ServSwitch™ Panther** via ordinary UTP cable (CAT5, CAT5e, or CAT6).

Here's how it's installed: One end of the UTP cable connects to the RJ-45 ports on the **ServSwitch Panther**. The other end of the UTP cable connects to a **ServSwitch Panther Server Access Module** installed in a PS/2® or USB CPU or server. (You'll need one **ServSwitch Panther Server Access Module** and one UTP patch cable for each connected PS/2 or USB CPU or server.) Mix and match PS/2 and USB computers in your installation to suit your requirements.

The Panther also extends the distance between a computer and the switch—up to 32.8 ft. (10 m). Or, cascade **ServSwitch Panthers** to access up to 256 computers from a single KVM console.

The ServSwitch works with a wide variety of industry-standard computers. And since it uses common UTP cable, the **ServSwitch Panther** keeps the cost of cables affordable.

It's also compatible with common video monitor types. Resolution is superior, too—up to 1600 x 1200 @ 75 Hz!

And the **ServSwitch Panther** works with most PC operating systems, including DOS, Windows® 3.x/95/98/Me/XP, Windows NT®, Windows 2000, Linux®, UNIX®, QNX, SGI™, FreeBSD, BeOS, VMS™, and Novell® 3.12–6.x.

An easy-to-use, three-level password hierarchy is standard with the **ServSwitch Panther**. Choose from administrator (enables you to set and modify all passwords and security profiles), supervisor (lets you access or scan any attached computer), or user (access only the assigned computer[s]).

Operating the **ServSwitch Panther** is easy, too. An intuitive on-screen display (OSD) guides you through operation. Or, use the ServSwitch's front-panel pushbuttons to select the attached computer that you want to control from the KVM console. Or, use keyboard hotkey commands instead.

We make sure that you always have access to the latest firmware upgrades. Simply download the most recent upgrade from the Black Box Web site ([www.blackbox.com](http://www.blackbox.com)) using the included flash cable that connects to the switch's flash port.



KV1108A: top: front view;  
bottom: rear view

## TECH SPECS

**Distance (Maximum)** — 32.8 ft. (10 m)  
**Operating Systems Supported** — DOS, Windows 3.x/95/98/Me/XP, Windows NT, Windows 2000, 2003 Server, Linux, UNIX, QNX, SGI, FreeBSD, BeOS, VMS, Novell 3.12–6.x  
**Resolution (Maximum)** — 1600 x 1200 @ 75 Hz  
**Connectors** — KV1108A: System: (1) RJ-45; Flash: (8) RJ-45; Local KVM: (1) HD15 F, (2) 6-pin mini-DIN F;  
 KV1116A: System: (1) RJ-45; Flash: (16) RJ-45; Local KVM: (1) HD15 F, (2) 6-pin mini-DIN F;  
 KV1120A: VGA: (1) HD15 M; Keyboard/Mouse: (2) 6-pin mini-DIN M; System: (1) RJ-45;  
 KV1121A: VGA: (1) HD15 M; Keyboard/Mouse: (2) USB Type A M; System: (1) RJ-45  
**Indicators** — LEDs: KV1108A: (8) Select, (8) Power; KV1116A: (16) Select, (16) Power  
**Power** — KV1108A, KV1116A: 85–265 VAC, 50/60 Hz; KV1120A: From the keyboard port; KV1121A: From the USB port  
**Size** — KV1108A, KV1116A: 1.6"H x 8.5"W x 4.8"D (4.1 x 21.6 x 12.2 cm); KV1120A–KV1121A: 0.9"H x 3.6"W x 1.6"D (2.3 x 9.1 x 4.1 cm)  
**Weight** — KV1108A, KV1116A: 2.2 lb. (1 kg); KV1120A–KV1121A: 0.2 lb. (0.1 kg)

## What's included

### ServSwitch Panther:

- ◆ ServSwitch Panther
- ◆ Flash cable
- ◆ Rackmount kit
- ◆ Power cord
- ◆ Users' manual

### ServSwitch Panther Access Modules:

- ◆ ServSwitch Panther Access Module
- ◆ Users' manual

Item	Code
ServSwitch Panther	
8-Port	<b>KV1108A</b>
16-Port	<b>KV1116A</b>
<b>To link the Panther to CPUs or servers, order one access module for each connection...</b>	
ServSwitch Panther Access Modules	
PS/2	<b>KV1120A</b>
USB	<b>KV1121A</b>

### Remember to order cable (you'll need one for each CPU or server you will connect to the Panther)...

CAT5 Solid-Conductor Cable (UTP), 100-MHz, 24 AWG, 4-Pair, T568B, PVC, NEC® CMR, Straight-Pinned, Custom Lengths	<b>EYN737MS</b>
CAT5e Solid-Conductor Backbone Cable (UTP), 350-MHz, 24 AWG, 4-Pair, T568B, PVC, NEC CM, Blue, Custom Lengths	<b>EYN795MS</b>

(For details, call our FREE Tech Support.)

## 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.