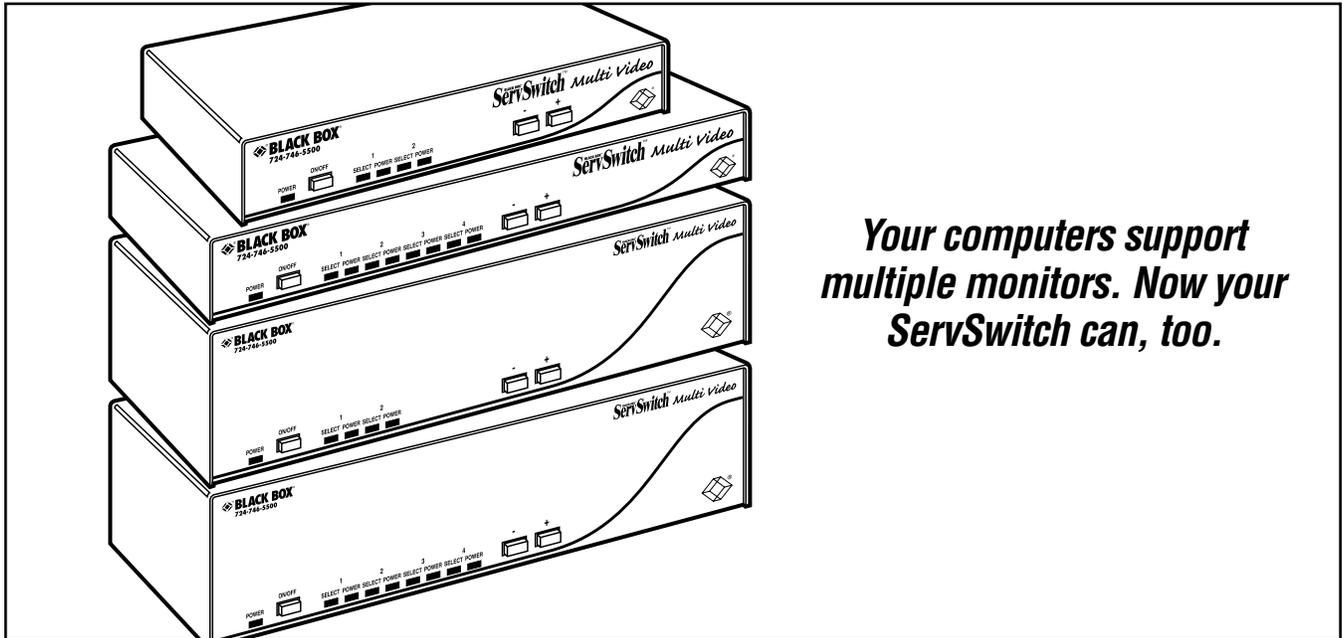


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### SERVSWITCH AND SERVSWITCH ULTRA MULTI VIDEO



*Your computers support multiple monitors. Now your ServSwitch can, too.*

#### Key Features

- ▶ **Simultaneously switch all video ports on computers with multi-monitor video cards.**
- ▶ **Switch from your keyboard, an on-screen display, or front-panel switches.**
- ▶ **Support resolutions up to 1600 x 1280.**
- ▶ **Chain units together to support up to 64 CPUs.**
- ▶ **Models available with multiplatform support.**
- ▶ **On-screen display.**

Many of today's computers now have video cards with multiple ports to support multiple monitors. Now, with the ServSwitch™ Multi Video and the ServSwitch Ultra Multi Video, you can switch between CPUs supporting up to four monitors each.

The ServSwitch Multi Video and ServSwitch Ultra Multi Video enable seamless, trouble-free switching from a single KVM station to any connected computer and display the multi-video output from a computer.

Use the same set of monitors with each attached CPU. There are three easy ways to switch

between CPUs—by simple keyboard commands, via the front panel - or + buttons, or via an on-screen display. All video ports are switched simultaneously.

If your system demands are greater than a single unit can provide, chain units together with expansion cables to easily expand the ServSwitch Multi Video or ServSwitch Ultra Multi Video to access up to 64 computers from one KVM station.

The ServSwitch Multi Video supports standard PCs as well as UNIX® workstations with PS/2® style keyboard and mouse connectors. It's compatible with

any combination of PS/2 and USB connectors on the computer side but requires a PS/2 compatible keyboard. It supports PS/2 wheel and serial mice.

The multiplatform ServSwitch Ultra Multi Video supports PS/2, USB, Apple®, Sun®, and UNIX® workstations. It's compatible with PS/2 and USB and also adds support for Apple 4-pin mini-DIN and Sun 8-pin mini-DIN connectors.

Intuitive on-screen menus enable you to switch between CPUs as well as configure computer names, security, and more.

# Specifications

**Compatibility:** SW0202A, SW0204A, SW0402A, SW0404A, SW0802A: PC, UNIX® workstations; KV0202A, KV0204A, KV0402A, KV0404A, KV0802A: PC, UNIX, Apple®, Sun workstations

**CPUs Supported (Maximum):** 64, when units are daisy-chained

**Resolution (Maximum):** 1600 x 1280

**Video:** Bandwidth: 250 MHz; Sync: Accepts HV, composite, sync-on-green

**CE Approval:** Yes

**Connectors:**

CPU/KVM ports: (4), (8), or (16) DB25 F; Video ports: (2) or (4) DB25 F; RS-232: (1) RJ-12 (6 pin); Power: (1) IEC 320 standard receptacle

**Indicators:** LEDs: Per unit: (1) Power; Per CPU port: (1) Select, (1) CPU Power

**Power:** 90 to 240 VAC, 50 to 60 Hz, internal, autoswitching

**Size:** SW0202A, KV0202A: 1.75"H (1U) x 8.8"W x 4.9"D (4.4 x 22.4 x 12.4 cm); SW0204A, SW0404A, SW0802A, KV0204A, KV0404A, KV0802A: 3.5"H (2U) x 16.7"W x 4.9"D (8.9 x 42.4 x 12.4 cm); SW0402A, KV0402A: 1.75"H (1U) x 16.7"W x 4.9"D (4.4 x 42.4 x 12.4 cm)

**Weight:** SW0202A, KV0202A: 4 lb. (1.8 kg); SW0204A, SW0404A, SW0802A, KV0204A, KV0404A, KV0802A: 7 lb. (3.2 kg); SW0402A, KV0402A: 6 lb. (2.7 kg)

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

**Recognize 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 tech support they need is extremely important when choosing a vendor. But even though network managers pay 10 to 20% of their overall purchase price for a basic service and support contract, what they get falls short of expectations—and isn't worth what they paid.

At Black Box, we guarantee the best value and support. You can even consult our experts before you buy if you need help selecting the right component for your application.

# Ordering Information

ITEM	CODE
ServSwitch Multi Video (PC Only)	
for 2 CPUs	
Dual Video .....	SW0202A
Quad Video .....	SW0204A
for 4 CPUs	
Dual Video .....	SW0402A
Quad Video .....	SW0404A
for 8 CPUs	
Dual Video .....	SW0802A
ServSwitch Ultra Multi Video (Multiplatform)	
for 2 CPUs	
Dual Video .....	KV0202A
Quad Video .....	KV0204A
for 4 CPUs	
Dual Video .....	KV0402A
Quad Video .....	KV0404A
for 8 CPUs	
Dual Video .....	KV0802A
<i>To connect the ServSwitch Multi Video and Ultra Multi Video to the first monitor port plus the keyboard and mouse ports on each CPU, order...</i>	
CPU/Server to ServSwitch Cables (CPU Cables)	
PS/2® .....	EHN151
Sun® 13W3 .....	EHN206
VGA .....	EHN515
Mac® DB15 .....	EHN215
USB .....	EHN485
<i>To connect the ServSwitch Multi Video and Ultra Multi Video to a CPU/server with an HD15 connector, order...</i>	
Video-Only CPU/Server Cables	
VGA .....	EHN041
13W3 .....	EHN242
<i>For the first monitor plus the keyboard and mouse connected to a ServSwitch Multi Video and Ultra Multi Video, order...</i>	
ServSwitch to Keyboard/Monitor/Mouse Cables (User Cables)	
PS/2 .....	EHN154
Sun 13W3 .....	EHN201
VGA .....	EHN225
Mac DB15 .....	EHN215
<i>For each additional monitor connected to a switch, order...</i>	
Video-Only User Cables	
VGA .....	EHN044
13W3 .....	EHN245
<i>To cascade multiple ServSwitch Multi Video and Ultra Multi Video, order...</i>	
ServSwitch to ServSwitch Cable .....	EHN284