BLACK BOX®
NETWORK SERVICES

SERVSWITCH SUMMIT

Manage your servers with this Category 5 based KVM switch.
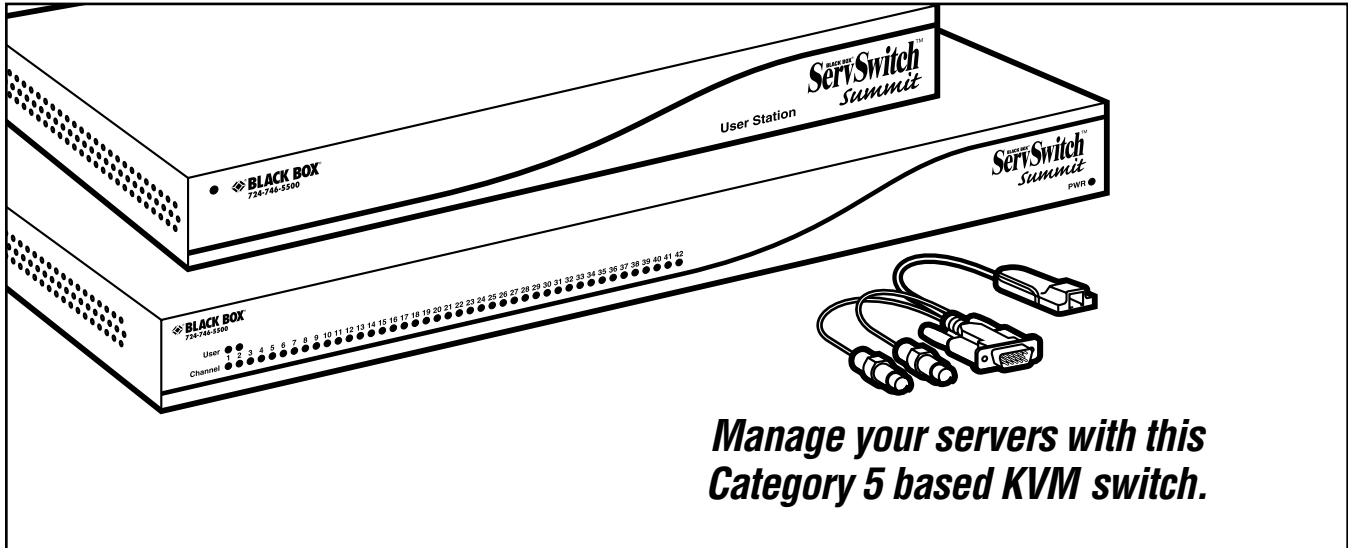
Key Features

▶ ***1U design supports 2, 4, or 8 users and up to 32 or 42 servers; 2U design supports 16 users and up to 64 servers.***

▶ ***Maximum range of up to 500 feet between computers and users.***

▶ ***Autoconfiguration of connected computers and ServSwitch™ Summit components.***

▶ ***Powerful, intuitive on-screen user interface menus.***

▶ ***Create up to 512 customized user profiles.***

The ServSwitch Summit is a scalable, multiplatform, Category 5 based KVM switch. Ideal for server management, it meets space, distance, and capacity needs, eliminates any single point of failure, supports scalable growth, and reduces the total cost of ownership in the data center. It's perfect for tiered configurations that provide economical, secure, non-blocked multi-user access to 1024 servers up to 500 feet (152.4 m) from up to 16 users.

Models are available for up to 2, 4, 8, or 16 user stations and up to 32, 42, or 64 computer interface modules.

A ServSwitch Summit consists of the following components:

• A base unit. This is an intelligent, non-blocking control center that connects users to selected computers.

The base unit includes RJ-45 jacks for connecting up to 2, 4, 8, or 16 user stations and up to 32, 42, or 64 Computer Interface Modules (CIMs).

• A user station. This connects each user console (PS/2® or Sun® keyboard, mouse, and monitor) to the base unit and provides a user interface to computers.

• Computer Interface Modules (CIMs). These connect each computer to the base unit and contain the transmitters for relaying CAT5 signals and programmable ID information to and from the base unit. They provide dedicated, keep-alive keyboard/mouse emulation and fail-safe KVM access. CIMs are available in versions for PS/2, Sun HD15 video, USB, and serial connections. To gain local access from a PC to a User
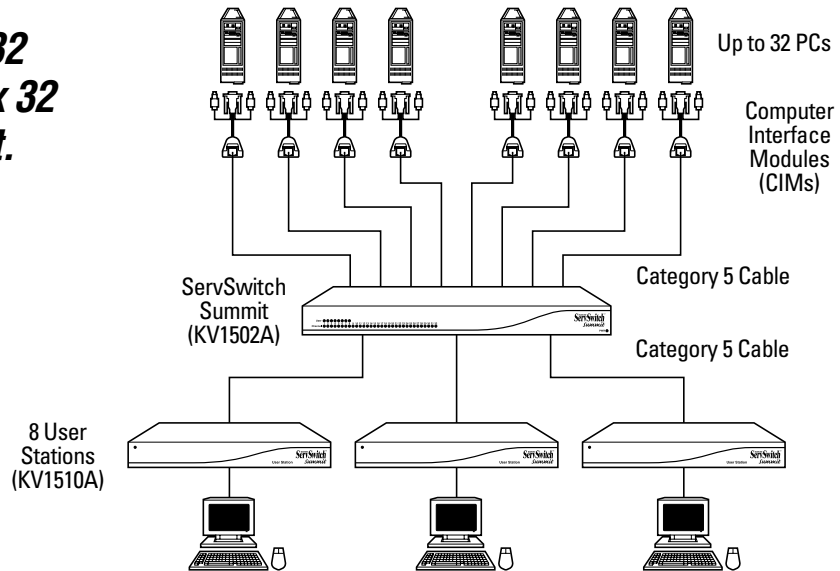
Station, order the KV1519A CIM.

A powerful on-screen user interface ensures simple operation. You can also create up to 512 customized user profiles that have flexible, multi-level security for authorized server access. Choose private, public, or PC-share system operation mode.

Use Category 5 UTP cable (part number EYN840A) for connecting components to the ServSwitch Summit. The pinout specifications for RJ-45 connectors on Category 5 cable should be T568B.

Installation is plug-and-play, and components are hot-swappable.

On-site system maintenance is available via the PC's DB9 serial port to ServSwitch DB9 admin port.

8 users can access 32 computers with the 8 x 32 ServSwitch Summit.

Up to 32 PCs

Computer Interface Modules (CIMs)

ServSwitch Summit (KV1502A)

Category 5 Cable

Category 5 Cable

8 User Stations (KV1510A)

Specifications

General

Distance (Maximum): 500 ft. (152.4 m) over Category 5 cable

Resolution (Maximum): 1280 x 1024 @ 75 Hz

Operating Temperature: 32 to 104°F (0 to 40°C)

Base Unit:

Connectors: KV1500A–KV1503A: Channel ports: (32), (42), or (64) RJ-45; User ports: (2), (4), (8), or (16) RJ-45; Administration: (1) DB9 female

Power: KV1500A–KV1501A, KV1503A: 100/240 V, 47/63 Hz, 0.6 A; KV1502A: 100/240 V, 47/63 Hz, 0.5 A

Size: KV1500A–KV1502A: 1.75"H x 17.2"W x 10.4"D (4.4 x 43.7 x 26.4 cm); KV1503A: 3.5"H x 17.25"W x 10.75"D (8.9 x 43.8 x 27.3 cm)

Weight: KV1500A: 8.3 lb. (3.8 kg); KV1501A: 8.4 lb. (3.8 kg); KV1502A: 7.3 lb. (3.3 kg); KV1503A: 12 lb. (5.4 kg)

User Station (KV1510A):

Connectors: CAT5 port: (1) RJ-45; Administration: (1) DB9 female; Keyboard and mouse: (2) 6-pin mini-DIN female; VGA monitor: (1) HD15 female; Sun: (1) 8-pin DIN female

Power: 115/230 V, 50/60 Hz, 5 A

Size: 1.75"H x 11.4"W x 10.1"D (4.4 x 29 x 25.7 cm)

Weight: 4.3 lb. (2 kg)

Computer Interface Modules:

Connectors: KV1515A: (1) RJ-45, (2) 6-pin mini-DIN male, (1) HD15 male; KV1516A: (1) RJ-45, (1) 8-pin DIN male, (1) HD15 male; KV1517A: (1) RJ-45, (1) HD15 male, (1) USB Type A;

KV1518A: (1) RJ-45, (1) 6-pin mini-DIN female, (1) 8-pin DIN female, (1) HD15 female, (1) DB25 female, (1) 3.5-mm barrel jack; KV1519A: (2) RJ-45, (2) 6-pin mini-DIN male, (1) HD15 male

Power: KV1518A–KV1519A: 6 VDC

Size: KV1515A: 1"H x 2.5"W x 3.5"D (2.5 x 6.4 x 8.9 cm); KV1516A–KV1519A: 1"H x 4.3"W x 3.6"D (2.5 x 10.9 x 9.1 cm)

Weight: KV1515A: 0.4 lb. (0.2 kg); KV1516A–KV1519A: 0.7 lb. (0.3 kg)

▼ *Ordering Information*

ITEM	CODE
ServSwitch Summit	
Category 5 KVM Switching System Base Unit, 1U	
2 x 42	KV1500A
4 x 42	KV1501A
8 x 32	KV1502A
Category 5 KVM Switching System Base Unit, 2U	
16 x 64	KV1503A
User Station	KV1510A
Computer Interface Modules	
Direct-Connect PS/2	KV1515A
Sun HD15	KV1516A
Direct-Connect USB	KV1517A
Serial	KV1518A
Local PC to User Station	KV1519A
You might also need to order cable…	
Category 5 Unshielded Bulk Cable, 100-MHz, Solid, 4-Pair, Beige, 1000-ft. (304.8-m)	
Spool	EYN840A-1000
Box	EYN840A-B