

BLACK BOX[®] NETWORK SERVICES

ServSelect IP



Key Features

- ▶ Server management over TCP/IP
- ▶ Reduction in cable volume by using Cat. 5 Cables
- ▶ Optimal scalability and flexibility

The BLACK BOX[®] ServSelect[™] IP switches combine analog and digital technology to provide flexible, centralized control of data center servers. This solution delivers secure digital access and flexible server management from anywhere at any time. The ServSelect IP consists of a rackmountable keyboard, video and mouse (KVM) switch configurable for analog or digital connectivity. Each ServSelect IP has 16 Analog Rack Interface (ARI) ports for connecting devices and operates over standard LAN connections. Access servers across a 10/100BASE-T Ethernet connection or directly through an analog port on the ServSelect IP for analog KVM connectivity and administration. Video resolutions through the analog port can be up to 1600 x 1280 with an end-to-end cable length of up to 15 meters. Digital users can achieve video resolution of up to 1280 x 1024 with a cable length of up to 10 meters between the ServSelect IP and the server.

Server Access Modules

The Server Access Module (SAM) with CAT5 design dramatically reduces cable

clutter, while providing optimal digital display resolution and video settings. The built-in memory of the SAM simplifies configuration by assigning and retaining unique server names or Electronic ID (EID) numbers for each attached server. This integrated intelligence enhances security and prevents unauthorized access to a server through cable manipulation. The SAM is powered directly from the server and provides Keep Alive functionality even if the ServSelect IP is not powered.

Access via network connection

No special software or drivers are required on the attached computers. Digital users access the ServSelect IP and all attached systems via Ethernet from a PC running ServSelect IP Software. This software resides on the user's PC only. User PCs can be located anywhere a valid network connection exists. The ServSelect IP can be configured on a separate network from your data network, allowing access to your servers even if your applications network is down.

Point and click control with ServSelect IP Software

The ServSelect IP Software is a cross-platform management application that allows you to view and control the ServSelect IP and all attached servers. The ServSelect IP Software provides secure authentication, data transfers and username/password storage. By utilizing a browser interface for navigation with an intuitive split-screen interface, this software provides you with a single point of access for your entire system. From here, you can manage the ServSelect IP, install a new ServSelect IP or launch a video session to a system server. Multiple servers can be accessed by one user; each additional computer's video will appear in a separate program window.

Specifications

Agency Approvals

EN55022 Class A, EN55024, EN61000-3-3, FCC15 Class A, VCCI Class A, IEC950, EN60950, UL 1950/60950 third edition, CSA C22.2 No.950

Server Ports

Number — 16

Interface Type — Proprietary composite of video, keyboard and mouse (to SAM adapters)

Connectors — RJ-45

Sync Types — Separate horizontal and vertical

Plug and Play — DDC2B

Video Resolution — Analog Port

Maximum 1600 x 1280 @ 75 Hz

Digital Port Maximum 1280 x 1024

@ 75 Hz

Configuration Port

Number — 1

Interface Type — Serial RS-232, DTE

Connector — DB9 Female

Network Connection

Number — 1

Interface Type — Ethernet: IEEE

802.3, 10BASE-T,

Fast Ethernet: IEEE 802.3U, 100BASE-T

Connector — RJ-45

Analog Port

Number — 1

Interface Types — PS/2 and VGA

Connectors — (2)6 pin MiniDIN,

(1)HD15

Other Characteristics

Heat Dissipation — 92 BTU/Hr

Airflow — 8 cfm

Temperature — 10 ° to 50 ° C operating

-20 ° to 60 ° C nonoperating

Humidity — 20 to 80% noncondensing operating

5 to 95% noncondensing nonoperating

Power — 100 to 240 VAC, 50 to 60 Hz

(autosensing), 40 W maximum

AC-input current rating: 1A

AC-input cable: 18 AWG three-wire

cable, with a three lead IEC-320 receptacle on the power supply end and a country or region dependent plug on the power resource end

Power Consumption: 25 W

Size — 4.45 x 43.18 x 27.94 cm

(HxWxD) 1U form factor

Weight — 3.6 kg without cables

Black Box Network Services - The world's largest network services company

We are, with 25 years of experience, the world leader in network infrastructure services.

On the Phone — no charge, answer calls in less than 20 seconds, find the right product with our technical experts.

On-site — superior design and engineering, Certified installations, end-to-end service.

On-line — receive technical knowledge on-line, including technology overviews, BLACK BOX Explains and the Knowledge Box.

Most comprehensive TECHNICAL SUPPORT — our best Product! Free hotline TECH SUPPORT!

The world's best customer service — Custom design services and products, the best warranties, money-saving discount programs.

BLACK BOX exclusives — Certification Plus. Guaranteed-for-life products and services.

Ordering information

ITEM

CODE

ServSelect IP, 1 digital, 1 analog, 16 ServerKV120A
ServSelect IP 2 digital, 1 analog, 16 ServerKV121A
Access Module PS/2Kv125A