BLACK BOX®
NETWORK SERVICES
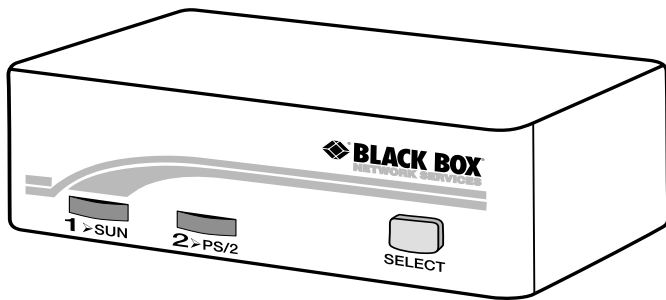
ServSwitch Symbio & Sunbeam

Key Features

▶ Symbio supports both SUN and PS/2

▶ Sunbeam manages 4 or 8 Sun computers with one or two sets of keyboards, mice and monitors

▶ Supports PS/2 computer with 2- or 3-button mouse driver

▶ Automatical signal conversion between platforms

▶ Keyboard states automatically saved and restored when switching computers

▶ Keyboard and mouse can be hot plugged at any time

▶ True plug and play configuration

▶ Power-free operation

▶ Sunbeam is 19" rackmountable and two-tier cascdable

Symbio

The KVS190A is best for operating one SUN computer and one PS/2 computer by one set of SUN keyboard, mouse and VGA monitor. The KVS190A is a true space saver eliminating another set of console.

Built-in signal converter and keyboard/mouse emulation, allows trouble-free computer boot-up and flawless switching between computers of different platforms. Computer can be selected by the front panel pushbutton or hot-key command.
The advanced signal conversion technology enables you to connect one SUN and one PS/2 PC to the switch, and control both computers by one SUN keyboard, mouse and monitor. The KVM switch automatically changes its keyboard and mouse signals for different computer.

The power adapter may be connected to the switch but is not required. It is required if you plan to use the SUN keyboard's Power-Up key.

Sunbeam

The 4-port and 8-port SUN KVM Switches Sunbeam allw one user to control up to 64 SUN computers with one keyboard, mouse and monitor. when cascaded, it enables two users to access up to 32 servers.
Each SUN computer is connected to the Sunbeam by only two cables, one for the keyboard/mouse and the other for the VGA monitor. Automatic keyboard and mouse emulation technology ensures trouble-free SUN computer boot-up and seamless switching among SUN computers. Selecting a SUN computer is as easy as pressing pushbuttons or hot-key commands. Easy-to-use automatic scan ability catches system failures early.

Specifications — Symbio

Computer Port Number — 2
Front Panel Pushbutton — 1
Front panel indicator — Green x 2 (computer power-on), Red x 2 (selected)
Sun keyboard supported — Type 4, 5, 6
Hot plug-and-play — Yes
Hot-key command — Yes

Auto scan interval — 3, 8, 15, 30 seconds
Cable length (max) — 30m for PS/2 computer / 15m for Sun computer
VGA Resolution — 1920x1440@70Hz
Console keyboard/mouse connector, VGA connector — 1xMini-DIN8 HDB-15

SUN keyboard/mouse connector/VGA connector — 1xMini-DIN8/1xVGA

PS/2 computer keyboard connector/mouse connector/VGA — 1xmini-DIN6/1xmini-DIN6/HDB15
Weight — 410g

Dimensions — H x W x D (mm)40 x 124 x 70
Size — Micro
Power supply — external DC 9V/500mA

Specifications — Sunbeam

Console ports — 1
Ports of SUN computer — 4 or 8
Keyboard/Mouse supported — Type 4, 5, 6
VGA bandwidth — 180Mhz
VGA Resolution — 1920 x 1440
Computer power status LED — 4 or 8

Computer selected LED — 4 or 8
Front pushbuttons — 4 or 8
Scan interval — 3, 8, 15, 30 seconds
VGA connectors to SUN — HDB15 x 4 or HDB15 x 8
Keyboard/mouse to SUN — mini-DIN8 x 4 or mini-DIN8 x 8
Console connector for VGA —

HDB15 x 1
Console connector for SUN keyboard/mouse — mini-DIN8 x 1
Weight — 4.7kg or 4.8kg
Power supply — DC9V500mA
Dimensions — H x W x D (mm) 44 x 436 x 180

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▼ *Ordering information*

ITEM	CODE
ServSwitch Symbio	
2-Port, 1:2 (1 x SUN and 1 x PS/2)	KVS190A
ServSwitch Sunbeam	
4-Port, 1:4 SUN	KVS191A
8-Port, 1:8 SUN	KVS192A
Adapter HD15 13W3	KVS-13W3