



BLACK BOX[®]

NETWORK SERVICES

RAS-PutIn Switch



Key Features

- ▶ Switch and Extender compact and integrated in only 1 U rack space
- ▶ No additional software or licenses necessary
- ▶ Fastest browser-based screen-video
- ▶ Real power management possible through Power over KVM
- ▶ Highest security with SSL standard

Only 1 U of space is needed in a 19" rack for the new, integrated server management device RAS-PutIn Switch, but it's a true giant in its innovative performance: You are able to reliably control up to 8 or 16 servers from afar and get complete browser-based remote access - in addition to local access over monitor, keyboard and mouse. All this comes in the highest video quality. The switch is controlled over On Screen Display or a web-based frontend. This is possible due to our unique KVM IP technology combined with a 8 or 16 Port KVM switch.

Ordering information

ITEM	CODE
RAS-PutIn Switch, 8-Port	.KVS182A-8
RAS-PutIn Switch, 16-Port	.KVS182A-16

Specifications

KVM Port —

- 8 or 16 x KVM with HD 15 combo-connector
- Cascadable up to 136 ports
- Video resolution 1920 x 1440 x 60Hz at local port
- Autocalibration as well as automatic adjustment of the displaying window to the screen resolution of the remote computer
- Video resolution 1280 x 1024 at 75 Hz at the IP-port
- Supports all VESA graphic and text modes
- Intuitive On Screen Display

Local Port —

- 2 x PS/2 for keyboard and mouse
- HD 15 connector for monitor

Ethernet —

- 10/100 BaseT with autosensing (RJ 45)
- LEDs for link, 10/100 Mbit/s and activity

Network access —

- HTTP/1.1 and HTTPS (secure) web server
- IP-configuration with DHCP/bootp or static
- Telnet access to serial port
- Proprietary Console-Video-Protocol
- SSL encryption of console data up to 256 bit

Security —

- Up to 200 user profiles seperately definable with individual rights
- SSL encryption of console data
- Certificate management
- ConfigurableTCP/IP port numbers
- Access rights of single users may be limited to certain KVM ports

Serial Port —

- Configuration, external modem
- Control of serial devices via Telnet
- Connection via Sub D 9

Further Functions —

- Control of power management unit
- Firmware update via web interface
- Several users can work simultaneously at one port
- Operation of KVM Switch alternatively with OSD, hotkey or web frontend

Technical Data —

- External power supply unit 12 V / 3.75 A
- 43 x 438 x 185 mm = 1 U in 19"