ServSwitch 4Site

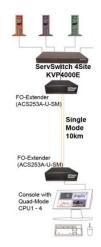# Beyond KVM switching-real-time monitoring of up to four servers with Picture-in-Picture technology.

FEATURES

» Control and real time monitoring for up to 4 computers from one console with keyboard, video and mouse.
» Cascade the device at monitor up to 16 computers at a time with full K/M control of the selected computer.
» Select between 4 modes of operation: Full, PiP, Dual and Quad Tile.
» Picture-in-Picture Mode (PiP) displays 1 main image and up to three scalable images at once.
» Quad tile monitoring to display all attached servers at same size in real time.
» Dual tile divedes the screen to display two sources.
» High resolution digital and analogue video in/outputs ideal for 23" wide screens.
» All VGA resolutions up to 1600x1200 at 60Hz, all DVI resolutions up to 1920 x 1200 at 60Hz, HDTV all up to 1920 x 1080 at 60Hz, progressive.
» True DDC-Support, EDID at each port cutomizable.
» PS/2 and USB keyboard and mouse for multi-platform usage.
» Control connected computers with push buttons at the front panel, keyboard hotkeys, hotmouse, external serial connection, remotly via KVM Extender or TOUCHSCREEN
» Easy configuration through comfortable OSD.
» 19" Rack mount set included.
» Efficient ergonomic solution with extreme fast ROI.

Application

OVERVIEW

ServSwitch 4Site combines classic KVM-Switching with outstanding image processing. Like classic KVM-Switches, the 4Site can just share a single monitor with full screen mode, keyboard and mouse with up to 4 servers or workstations. Each of the graphic inputs can be either DVI, HDTV or VGA with a max. resolution of 1920 x 1200 (DVI-D), 1920 x 1080 (HDTV) or 1600 x 1200 (VGA). Keyboard and Mouse interfaces can be USB or PS/2. To the 4Site any digital or analogue display can be connected like monitors incl. wide screens and projectors. The keyboard and mouse is USB only.

The new video conversion options are outstanding. Video signals are not only converted but processed, proceeded and outputted in real time! But there are three addtional display modes available:

Dual/Quad Mode

In Dual or Quad Mode the output signal receives 2/4 tiles of equal size (scaled), and you still have full keyboard and mouse control of the selected server. Intuitive hotkey or hotmouse switching allows toggling keyboard/mouse control between the tiles (servers). A simple hotkey takes you back into nonscaled full-screen operation in case of an emerengy on one of the selected servers.

Picture-in-Picture Mode (PIP)

Very similar the Picture-in-Picture (PiP) Mode puts more than one video signal together to a single one and outputs a single main image displayed in full resolution and up to 3 video signals in a scalable size on the right or left hand of it. Again intuitive hotkey or hotmouse switching swaps the main screen with one of the PiP images and gives your full keyboard and mouse control.

DDC support

The device now also permits configuration of the EDID at the input ports.

Operation

There are 5 different ways of switching between the video channels and display modes: the buttons on the front panel of the 4Site, configurable keyboard short cuts (hotkeys), mouse function (hotmouse), via the external device configuration program on a remote computer, via a serial port using DCP-XML protocol or now also via a touchscreen.

24/08/2012
#48400d

www.black-box.eu

BLACK BOX
NETWORK SERVICES

2 of 3

Larger Systems

If you need to simultanously control more than 4 computers, just cascade the 4-Site. Each of its 4 ports can be connected to another 4Site displaying up to 16 tiles with full control of the selected server.

Return on Investment

Using ServSwitch 4Site reduces the need for multiple high-end monitors without losing control or missing information of unselected keyboard/mouse servers. 4Site is a true hardware solution with no software installation needed and no investment on licences. When used with KVM Extenders, multiple signals are sent across a single link. This reduces costs on infrastrucutre and extender products.

Applications

ServSwitch 4Site can be used in many environments. Programmers benefit from having only one screen on their desk with control over processes like compilers running in the background on a secound, third or fourth workstation. In NOCs and Control Rooms multiple sources can be monitored and operated from a single screen. ServSwitch 4Site works seamless together with many Switches and Extenders of the Black Box ServSwitch family.

ServSwitch 4Site
(KVP4000A-R3)

What's included

KVP4000A-R3:

✦ (1) ServSwitch 4Site Switch;
✦ (1) Power Cord IEC320;
✦ (3) DVI-I to HD15 VGA cables 2m
✦ (2) Video cables DVI-I M to DVD-D M, 2m;
✦ (1) Y-cable PS/2 Keyboard & Mouse, 2m;
✦ (4) K/M cables USB Type A/B, 2m;
✦ (1) Adapter USB to PS/2 K/M;
✦ (1) 19" Rackmounting kit;
✦ (1) Manual

TECH SPECS

Resolution — Input and output
   1600 x 1200 at 60 (VGA),
   1920 x 1200 at 60 (DVI),
   HDTV: 1280 x 720 at 50/60, 1920 x 1080 at 50/60
Distance — max. 5m to console,
   (keyboard/video/mouse), max 5m to CPU
Connectors —
   to CPU: (4) DVI-I, (4) USB Type B;
   to Console: (1) DVI-I, (2) USB Type A;
   Management Port: (1) RJ45 serial RS232;
   Power (1) IEC320
Indicators —
   (4) LEDs green/amber, (1) Quad-Mode, (1) PiP-Mode
Controls —
   (4) Port switching front buttons, (1) Quad-Mode button,
   (1) Dual-Mode button, (1) PiP-Mode button, (1) Reset;
   keyboard commands for additional functions like resolution
   settings or activation of the OSD.
OnScreen-Menue — Yes
Power — 100-240 VAC, 50-60 Hz, max. 40W, int.
Size — 4,4 x 43,4 x 23,4cm (HxWxD)
Weight — 2,9 kg
Rackmounting — 19" rack mount kit included

Item	Code
ServSwitch 4Site	**KVP4000A-R3**

24/08/2012
#48400d

www.black-box.eu

BLACK BOX
NETWORK SERVICES

3 of 3