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ServSwitch Wizard DVI Dual-Link with True USB Emulation

High-end DVI KVM switching for multiple dual-head computers and USB devices.

FEATURES

» A flexible, professional-grade KVM switch for high-performance, multihead KVM switching.

» Enables a single user to control four computers fitted with dual-head, tri-head, or quad-head video and share USB peripherals between them.

» Supports access to two, three, or four video heads on each channel. Switch DVI video, keyboard, and mouse streams to multiple CPUs.

OVERVIEW

Earlier USB KVM switches relied upon standard keyboard and mouse templates to tell each computer system how to deal with the connected peripherals. ServSwitch™ KVM switches that support True USB Emulation technology channel the identities of the connected keyboard and mouse and present them concurrently. This means specialized keyboards and mice (i.e. USB Sun™ keyboards, Glidepoint® mice, jog wheels, and more) are fully supported.

Intelligent options port

This highly flexible KVM switch centralizes and simplifies high-end, multihead video switching access at a single user console with multiple DVI screens.

Plus, with advanced support for multiple high-speed USB devices, the ServSwitch Wizard DVI Dual-Link with True USB Emulation serves today's busy multitaskers quite well.

It's ideal for IT administrators and medical imaging, graphic design, and broadcast studio professionals who not only require quick, reliable access to multiple computer CPUs and multiple video channels, but also need simultaneous access to a mix of USB peripherals.

Select a channel on the ServSwitch Wizard DVI Dual-Link using hotkeys, a three-button mouse, or the switch's front-panel controls. When autoscan is enabled, the switch cycles between connected computers in sequence automatically. A seven-segment numeric display indicates the selected channel.

Multihead video channel access—simplified

The ServSwitch Wizard DVI Dual-Link enables a single KVM workstation user to control four separate computer systems or servers and flexibly share peripherals among them.

In addition to multihead DVI-I video KVM user console inputs for multiscreen workstations, the switch features dual, triple, or quad DVI-I video connectors on each of its four computer channels. This way, you have easy access to two, three, or four video heads on each channel. For VGA support, see the ServSwitch Wizard VGA, USB models (KV3X04A series).

Each video head channel on this high-quality switch supports dual-link digital DVI video at up to 450 megapixels per second. Plus, it supports high resolutions, whether you need 1920 x 1080 video for post-production type work or 2560 x 1600 (WQXGA) image clarity for very detailed medical or R&D lab imaging. Want to use VGA video instead of DVI? Simply add DVI-to-VGA adapters.

In addition to multiple video connectors, each computer channel on the ServSwitch Wizard Dual-Link DVI has USB Type B and a 3.5-mm audio jack inputs.

Multicomputer and multiperipheral access

This high-performance, multimedia switching platform offers more than just straight switching between four multihead computer systems. You can also use a KVM console to work on one computer while your favorite USB devices remain connected to other computers, all easily accessible to you. And because the ServSwitch Wizard DVI Dual-Link supports audio connectivity, you can connect speakers to yet another computer (audio can be switched independently from USB and video).

The ServSwitch Wizard Dual-Link DVI's rear panel has two USB Type A ports as part of its KVM user console connections plus separate switched USB Type A ports for additional USB 2.0 connectivity. You can reassign any of the connected USB peripherals to any of the connected computers quickly. Attached devices can either be switched in unison, or you can mix peripherals between any of the systems.

The switch supports a wide range of USB devices, especially high-speed USB 2.0 peripherals on its switched USB ports. Printers, scanners, and non-standard HID devices can all be attached. For instance, you can be creating e-mails on one system, listening to audio on a second one, printing from a third computer, and scanning documents on a flash drive—all at the same time.

TECH SPECS

CE Approval — Yes

RoHS — Yes

Connectors — KVM user console:
    Video: KV2204A: (2) dual-link DVI-I; KV2304A: (3) dual-link DVI-I;
        KV2404A: (4) dual-link DVI-I;
    Keyboard/mouse: (2) USB Type A (emulated); Audio: (1) 3.5-mm
    stereo jack;
        Switched USB: (2) USB Type A (USB 2.0, not emulated);
    Computer channels: Per **each** of its (4) channels:
        Video: KV2204A: (2) dual-link DVI-I;
        KV2304A: (3) dual-link DVI-I;
        KV2404A: (4) dual-link DVI-I;
        Keyboard/mouse: (1) USB Type B;
        Audio: (1) 3.5-mm stereo jack;
    Serial option/flash upgrade port: (1) RJ-45 10P10C (RS-232), for
    syncing control with second KVM switch or for flash upgrades

Power — Input: 100–240 VAC, 50–60 Hz;
    Output: 5 VDC, 2.5 A

Dimensions: — 4" H x 10.3" W x 6" D (10.2 x 26.1 x 15.1 cm)

Weight
    KV2204A: 3.1 lb. (1.4 kg)
    KV2304A: 3.3 lb. (1.5 kg)
    KV2404A: 3.5 lb. (1.6 kg)

KV2404 (front)

What's included

- ServSwitch Wizard DVI Dual-Link with True USB Emulation KVM switch unit
- AC power adapter
- (1) Quick Install Reference
- (4) self-adhesive rubber feet

Item	Code
ServSwitch Wizard DVI Dual-Link Switches with True USB Emulation	
Dual-Head	**KV2204A**
Tri-Head	**KV2304A**
Quad-Head	**KV2404A**

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
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- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

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