ServSwitch Wizard Extender Dual-Access Dual-Head Serial Kit with Bidirectional Stereo Audio and Skew Compensation
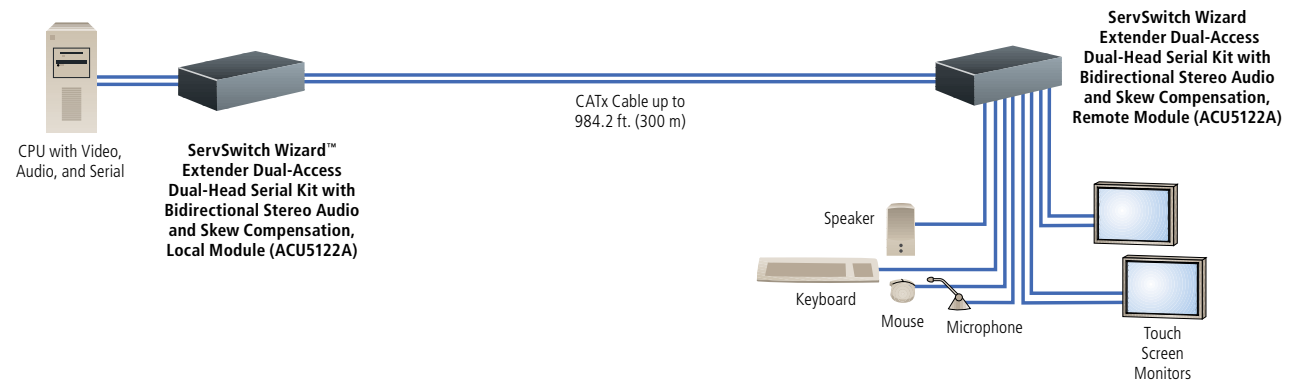
Access a PS/2 computer and two VGA monitors locally or remotely and transmit serial and audio signals up to 984.2 feet over CATx cable.

FEATURES

» Provides resolution up to 1600 x 1280 at 656.1 feet (200 m).

» Provides resolution up to 1280 x 1024 at 984.2 feet (300 m).

» Great for remote industrial, broadcast, or other multimedia applications.

» Rackmount local (transmitter) or remote (receiver) modules in our ACU5000A chassis for Wizard Extenders.

» Flash upgradable.

» Compatible with PS/2 keyboards and mice.

» Offers transparent 56-kbps RS-232 serial transmission. Perfect for graphics tablets, PDA cradles, and touch screens.

» True DDC support for optimal operation with modern graphics adapter cards.

KVM and serial transmission with bidirectional stereo audio— plus support for two video channels—at up to 984.2 feet (300 m)

CPU with Video, Audio, and Serial

ServSwitch Wizard™ Extender Dual-Access Dual-Head Serial Kit with Bidirectional Stereo Audio and Skew Compensation, Local Module (ACU5122A)

CATx Cable up to 984.2 ft. (300 m)

ServSwitch Wizard Extender Dual-Access Dual-Head Serial Kit with Bidirectional Stereo Audio and Skew Compensation, Remote Module (ACU5122A)

Speaker

Keyboard

Mouse   Microphone

Touch Screen Monitors

OVERVIEW

KVM and serial extension with dual access, bidirectional stereo audio, and dual-head video.

Have an application in which your PCs or workstations are equipped with multihead graphics adapter cards? Then order a ServSwitch Wizard™ Extender Dual-Access Dual-Head Serial Kit with Bidirectional Stereo Audio and Skew Compensation. This multihead extender provides two analog VGA extension channels while enabling local access for keyboard, mouse, and stereo audio (speaker only).

The kit extends PS/2® keyboard and mouse signals—along with transparent serial signals and the analog VGA signal—over a single CAT5, CAT5e, or CAT6 cable up to 984.2 feet (300 m). Use the serial link to connect to graphics tablets, touch screens, or PDA cradles. For applications that require a serial mouse attached to a CPU, simply add a passive adapter (contact our FREE Tech Support).

The kit comes with a transmitter module for local CPU connections and a receiver module for remote workstation (KVM) connections, as well as an adapter cable to connect the local module to the keyboard, video, and mouse connectors at your CPU.

The benefits of skew compensation.

The ServSwitch Wizard Extender Dual-Access Dual-Head Serial Kit with Bidirectional Stereo Audio and Skew Compensation fixes color drift by making up for the differences in length between wire pairs in CAT5e or CAT6 cable, and compensation is provided by a 62-ns color delay that can be adjusted in 2-ns calibrations to correct delay skew problems.

What's more, this extender also comes with the latest video components and circuitry to enable higher bandwidth and ensure even clearer images. In fact, it's now possible to get maximum resolutions of 1600 x 1200 at 60 Hz at distances of 656.1 feet (200 m) or 1280 x 1024 at 60 Hz at the full distance of 984.2 feet (300 m)! This extender also provides additional brightness and sharpness control options for ultra-clear images.

Today's graphics adapter cards often require Display Data Channel (DDC) information for them to work correctly—or, in some cases, to work at all. This kit transmits an attached monitor's DDC information to its receiver module. Plus this information is stored in the transmitter module in case of a link loss.

This extender also features password protection to prevent unauthorized access to a connected CPU or your switching system.

NOTE: If you're using the 16-slot Rackmount Chassis (ACU5000A) with this kit, note that the local unit requires three slots and the remote unit requires two slots.

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TECH SPECS

ACU5000A

Connectors —
    Local module: Interconnect: (1) RJ-45;
        CPU: (1) DB25 F;
        Keyboard and mouse: (2) 6-pin mini DIN F;
        Video: (3) HD15 F;
        Serial: (2) DB9 F;
        Audio: (1) 3.5-mm jack;
        Power: (1) 8-pin mini DIN F;
    Remote module: Interconnect: (1) RJ-45;
        Keyboard and mouse: (2) 6-pin mini DIN F;
        Video: (2) HD15 F;
        Serial: (2) DB9 F;
        Audio: (2) 3.5-mm jacks;
        Power: (1) barrel jack

Item	Code
ServSwitch Wizard™ Extender Dual-Access Dual-Head Serial Kit with Bidirectional Stereo Audio and Skew Compensation	**ACU5122A**
To rackmount local or remote modules, order…	
Rackmount Chassis for ServSwitch Wizard Extender	**ACU5000A**
To supply power to up to four rackmounted remote modules, order…	
Rackmountable Power Distribution Module	**PS5000-R2**
For video-only applications, you will need…	
Spare Power Supply for Remote Module	**PS649-R2**

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.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- 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.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

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