

USB KVM EXTENDER

Extend **USB keyboard, USB mouse and VGA monitor up to 1,000 feet**



Local Unit

Remote Unit (Front and Back)

XTENDEX® ST-C5USBV Local and Remote Units

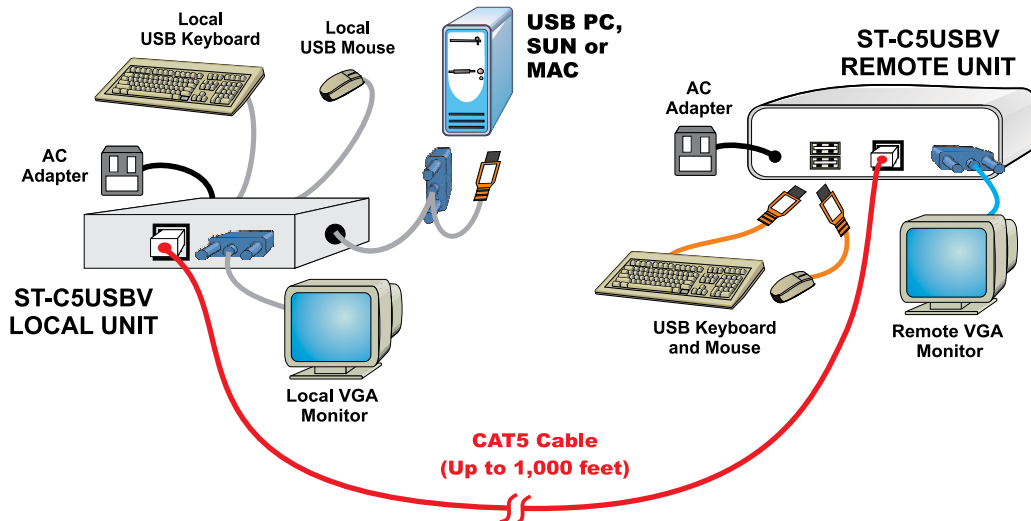
Features & Applications

The XTENDEX® ST-C5USBV USB KVM Extender provides local and remote KVM (USB keyboard, USB mouse and VGA monitor) access to a USB computer or NTI KVM switch up to 1,000 feet using CAT5/5e/6 UTP cable, which overcomes the USB five meter limitation.

Each ST-C5USBV consists of a zero-RU local unit (connects to a computer, and provides local keyboard, monitor and mouse connections) and a desktop remote unit (connects to a keyboard, monitor and mouse). The local and remote units are interconnected via CAT5/5e/6 cable.

- Supports local and remote access.
- Automatically adjusts the video quality to compensate for varying lengths of CAT5/5e/6 cable.
- Simple On Screen Display (OSD) menus allow users to configure the extender, adjust for video skew, and fine-tune video quality for optimal video resolution.
- Maximum 1024x768 video resolution at 1,000 feet; higher resolutions are supported at shorter distances. (See resolution chart on next page)
- Keyboard and mouse are hot-pluggable.
- Keep-alive keyboard/mouse emulation for flawless operation.
- Color-coded LEDs on both the local and remote units indicate power status and verify communication is established between the units.
- Built-in surge protection.

Configuration and Cable Illustration



Specifications

Local Unit

Hosts

- Male USB Type A / male 15-pin HD connectors.
- Compatible with any USB-enabled host computer, including:
 - USB-enabled SUN, including SUN Blade 100, SUN Blade 1000, SUN Ray and SUN Fire™ 240.
 - PCs with USB-enabled OS (Win 98/2000/XP) and USB ports.
 - HP J5000.
 - PCs with USB-enabled BIOS (legacy USB support) and USB ports.
 - MAC G4, G5 and Xserve.
- Compatible with NTI UNIMUX™ KVM switch.
- Keyboard and mouse presence are emulated 100% of time so the computer boots error-free.

Local Access

- Crisp and clear 1920x1440 video resolution.
- Female 15-pin HD connector.
- Female USB Type A connectors.
- NTI recommends using identical keyboards and mice at local and remote units.

Power

- 110 or 220 VAC at 50 or 60 Hz via AC adapter.

Regulatory Approvals

- CE

Warranty

- Two years

Remote Unit

Devices

- Female USB Type A connectors.
- Supports most USB keyboards with Windows, SUN or MAC layout, and most USB mice or trackballs, including:
 - USB IntelliMouse (scrollwheel).
 - Microsoft, Logitech or Kensington wheel mice or trackballs on MAC computers (support for all buttons).
 - Logitech Cordless Elite Duo.
 - Crystal Vision keyboard with touchpad.
 - Gyration keyboard/mouse.
- The ST-C5USBV will only work with USB keyboards and mice. It is not designed to support other USB devices.
- Compatible with all NTI UNIMUX KVM Switches.

Monitor

- Female 15-pin HD connector.
- Supports XGA/VGA/SVGA monitors.
- A multiscan VGA monitor is required to display the different video outputs from different platforms.
- Automatic video quality adjustment provides optimum image quality for various lengths of CAT5 cable.
- On Screen Display (OSD) menus provide additional control, allowing users to fine-tune video image quality and adjust for cable skew.
 - Video skew can be adjusted up to 1,000 feet via OSD menus to prevent color separation, allowing the use of CAT6 cable.
- Supports the DDC2B protocol.

Power

- 110 or 220 VAC at 50 or 60 Hz via AC adapter.

Regulatory Approvals

- CE

Warranty

- Two years

Distances and Resolutions for CAT5/CAT5e and CAT6 Cables

Cable	Distance (ft)	Resolution
CAT5/CAT5e (UTP)	1000	1024x768 at 60Hz
CAT5/CAT5e (UTP)	700	1280x1024 at 60Hz
CAT5/CAT5e (UTP)	500	1600x1200 at 60Hz
CAT5/CAT5e (UTP)	300	1920x1440 at 60Hz
CAT6 (UTP)	800	1024x768 at 60Hz
CAT6 (UTP)	700	1280x1024 at 60Hz
CAT6 (UTP)	600	1600x1200 at 60Hz
CAT6 (UTP)	500	1920x1440 at 60Hz

Cables

- CAT5, CAT5e or CAT6 UTP straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
- Cables not included.

USB KVM Extender

NTI Part #	Local Unit Size WxDxH (in)	Remote Unit Size WxDxH (in)
ST-C5USBV	3.5x3.1x1.2	8x6.2x2.6



Warning!

- The ST-C5USBV Extender is not designed to be connected to an ethernet card, ethernet router, hub, switch or any other ethernet RJ45 connector of an ethernet device. Damage to devices connected to the ethernet may result.

