

# USB KVM EXTENDER WITH AUDIO OPTION TO 300 FEET

Extend USB keyboard, USB mouse and VGA monitor up to 300 feet



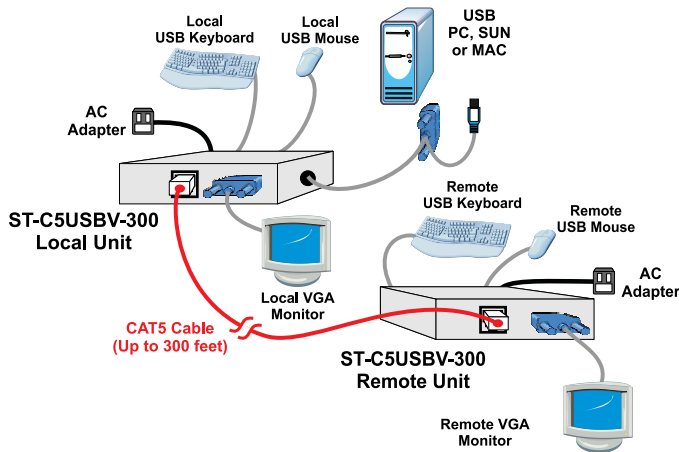
**XTENDEX® ST-C5USBV-300 (Remote and Local Units)**

## Features & Applications

The XTENDEX® USB KVM Extender extends a USB keyboard/mouse and VGA display up to 300 feet via CAT5/5e/6 cable. Each ST-C5USBV-300 consists of a local unit that connects to a computer and provides local keyboard, monitor and mouse connections, and a remote unit that connects to a keyboard, monitor and mouse. The local and remote units are interconnected via CAT5/5e/6 cable.

- Supports local and remote access.
- Compatible with all video resolutions up to WUXGA (dependant upon CAT5/5e/6 extension length).
- Supports resolutions to 1920x1440.
- Keyboard and mouse are hot-pluggable.
- Keep-alive keyboard/mouse emulation for flawless operation.
- Built-in surge protection.
- High quality, rugged steel construction with durable powder coat finish.
- Available with optional stereo audio.

## Configuration and Cable Illustrations



### Distances and Resolutions for CAT5/Cat5e and CAT6 Cables

Cable	Distance (ft)	Resolution
CAT5/CAT5e (UTP)	300	1024x768 at 60Hz
	150	1600x1200 at 60Hz
	100	1920x1440 at 60Hz
CAT5/5e (STP), CAT6 (UTP)	300	1024x768 at 60Hz
	150	1280x1024 at 60Hz
	100	1600x1200 at 60Hz

## Specifications

### Local Unit

#### Host Connection

- Supports a USB computer (PC, SUN, MAC).
- Multiplatform support: Windows 2000/XP/Vista/Server 2000/2003/2008, Solaris, Linux, FreeBSD, and MAC OS 9/10
- One male 15-pin HD and one male USB Type A connectors.
- Optional stereo audio support – 3.5mm stereo plug.

#### Local Access

- Crisp and clear 1920x1440 video resolution.
- One female 15-pin HD and two female USB Type A connectors.
- Optional stereo audio support – 3.5mm stereo jack.
- NTI recommends using identical keyboards and mice at local and remote units.
  - ◆ Supports most wireless keyboards and mice.

### Remote Unit

- Supports resolutions up to 1920x1440; refer to the resolution chart below for resolutions at different lengths.
- One female 15-pin HD and two female USB Type A connectors.
- Optional stereo audio support – 3.5mm stereo jack.
- Video quality adjustment for different lengths of CAT5/5e/6 cable is done manually.

### Environmental

- Operating temperature: 32°F to 100°F (0°C to 38°C).
- Storage temperature: -20°F to 140°F (-30°C to 60°C).
- Operating and Storage Relative Humidity: 17 to 90% non-condensing RH.

### Power

- Local and remote unit: 110 or 220 VAC at 50 or 60 Hz via AC adapter.
- Power consumption: 10W (each – local and remote unit)

### Regulatory Approvals

- CE, RoHS

### MTBF

NTI Part #	MTBF (hrs)	NTI Part #	MTBF (hrs)
ST-C5USBV-300 (local)	78,065	ST-C5USBV-300 (remote)	83,272
ST-C5USBVA-300 (local)	77,403	ST-C5USBVA-300 (remote)	77,515

## Cables

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

### USB KVM Extender Models

Supported Features	NTI Part #	Size WxDxH (in)
USB KVM	ST-C5USBV-300	3.5x3.1x1.2
USB KVM + Audio	ST-C5USBVA-300	3.5x3.1x1.2