Hi-Res PS/2 KVM Extender via CAT5: Extend to 1,000 feet
XTENDEX®

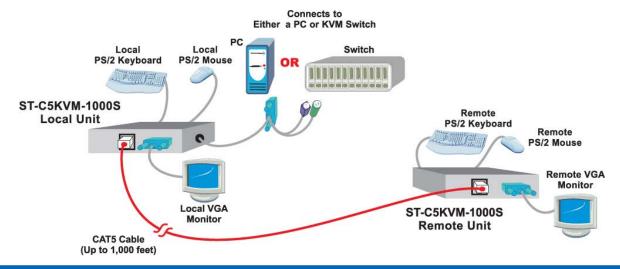## How to extend VGA Video Keyboard Mouse control up to 1000 feet away from computers or NTI KVM Switches

- Industry-leading ultra high resolutions up to 2048x1536.
- High quality, rugged steel construction with durable powder coat finish
- Automatically adjust video quality and color skew for crystal clear video with longer cables.
- Available with optional RS232 control.
- DDC2B support for local or remote monitor (user selectable).
- Built-in surge protection.

XTENDEX® ST-C5KVMRS-1000S
(Remote and Local Units)

- **RS232**

The XTENDEX® KVM Extender provides local and remote KVM (PS/2 keyboard, PS/2 mouse and VGA video monitor) access to a PC up to 1,000 feet using CAT5/5E/6 RJ45 cable. The extender 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.

Specifications

Local Unit

Host Connection

- Supports a PS/2 PC.
- Multiplatform support: Windows 7/8/10, Windows Server 2008/2012/2016/2019, Solaris, Linux, FreeBSD, and MAC OS 10/11.
- One male 15-pin HD connector.
- Two male 6-pin miniDIN connectors.
- RS232 option: female 9-pin D connector.

Local Access

- Crisp and clear 2048x1536 video resolution.
- One female 15-pin HD connector.
- Two female 6-pin miniDIN connectors.
   - NTI recommends using identical keyboards and mice at local and remote units.
- RS232 option: female RJ45 connector.

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Specifications (Continued)

Remote Unit

- Supports resolutions up to 2048x1536.
- One female 15-pin HD connector.
- Two female 6-pin miniDIN connectors.
- RS232 option: female RJ45 connector.

Video Quality Adjustment

- Automatically adjusts the video quality and color skew to compensate for varying lengths of CAT5/5e/6 cable.
  - Maximum delay: 62ns in 2ns steps.
- Fine adjustment available via push buttons on the remote unit.
- Settings are automatically stored in the unit. The next time the unit is powered on, the adjustment will be recalled.

Environmental

- Operating temperature: 32°F to 122°F (0°C to 50°C)
- Storage temperature: -22°F to 140°F (-30°C to 60°C)
- Operating and Storage Relative Humidity: 5 to 90% non-condensing RH.

Dimensions

- WxDxH(in): 5.05x3.08x1.09

Power

- Local and remote unit: 120 VAC at 60 Hz 9 VDC/1.0A via AC adapters or 230 VAC at 50 Hz 9 VDC/1.5A via AC adapters.
- Power Consumption: 10W (each - local and remote unit).

Regulatory Approvals

- CE, RoHS
- TAA compliant

Warranty

- Two years.

Options

RS232

- Supports TXD, RXD, DTR, DSR, DCD, CTS and RTS.
- Baud rate up to 57.6K.
- Support for a touch screen monitor..

PS/2 KVM Extender Models	
Supported Features	**NTI Part #**
KVM	ST-C5KVM-1000S
KVM + RS232	ST-C5KVMRS-1000S

Cables

- Use CAT5, CAT5e or CAT6 straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors.
  - Supports minimum cable length of 100 feet and maximum length of 1,000 feet.
  - Cables not included.

Distances and Resolutions for CAT5/Cat5e and CAT6 Cables		
Cable	**Distance (ft)**	**Resolution**
CAT5/CAT5e (UTP)	1000	1920x1200 at 60Hz
	800	1920x1440 at 60Hz
	600	2048x1536 at 60Hz
CAT6 (UTP)	800	1920x1440 at 60Hz
	600	2048x1536 at 60Hz
CAT5/5e (STP)	800	1920x1200 at 60Hz
	600	1920x1440 at 60Hz
	400	2048x1536 at 60Hz
CAT6 (STP)	400	1280x1024 at 60Hz
	300	1600x1200 at 60Hz
	200	2048x1536 at 60Hz