MULTIPLE KVM EXTENDER

Extend control away from up to 10 PCs and/or NTI KVM switches

ST-C5KVM-R-600 Receiver with XTENDEX® ST-C5KVMX10-600-R

Features & Applications

The XTENDEX® Multiple KVM Extender consists of ten ST-C5KVM-L-600 local units grouped together in a 1RU rack. Connect up to ten ST-C5KVM-R-600 remote units up to 600 feet with CAT5 cable.

- Sharpest and clearest VGA quality over CAT5 of any manufacturer.
- Supports twenty users: ten local and ten remote.
- Provides local KVM access.
- Allows local and remote access to network servers.
- Built-in surge protection.

- Keep-alive keyboard/mouse emulation for flawless operation.
- Use in-house CAT5 wiring to locate a keyboard, monitor and mouse remotely.
- Features a power LED to indicate when power has been applied.
- Cable management shelf included.

Specifications

Rackmount Local Unit

- Supports ten PCs and/or NTI Switches.
- Male 15-pin HD/male 6-pin miniDIN connectors for PC or NTI KVM switch.

Receiver (Remote Unit)

- Crisp and clear 1024x768 resolution at 600 feet; higher resolution supported at shorter distances.
- Female 15-pin HD connector.
- Female 6-pin miniDIN connectors.
- Optional 3.5mm stereo audio connection.
- Optional male 9-pin D connector for RS232.

Video Quality Adjustment

- Automatically adjusts the video quality to compensate for varying lengths of CAT5 cable.

Power

- Rackmount Local Unit
  - 110 or 220 VAC at 50 or 60 Hz via IEC connector.
  - Power Consumption: 20W.
  - Add -48V5V10A, optional internal DC-DC converter, to the part number to install the Rackmount Local Unit in a Telecom environment.
- Remote Unit
  - 110 or 220 VAC at 50 or 60 Hz via AC adapter.
  - Power Consumption: 10W.
  - Use the PWR-48V-9V0,6A or PWR-12V-9V0,6A DC-DC power converter to install the remote unit in a Telecom environment.

Regulatory Approvals

- CE, RoHS

Warranty

- Two years

Options

Stereo Audio

- Stereo audio can be heard both locally and remotely.
- Frequency response: 20 Hz to 20 kHz, +/-1 dB.
- Signal-to-Noise Ratio (SNR): 76 dBA.
- Total Harmonic Distortion and Noise (THD+N): 0.017%.
- Stereo crosstalk: -70 dB
- Input impedance: 10k Ohms.
- Line level output; supports multimedia speakers.
- Maximum I/O levels: 3.1 Vp-p (line level).

RS232

- Supports TXD, RXD, DTR, DSR, CTS, and RTS.
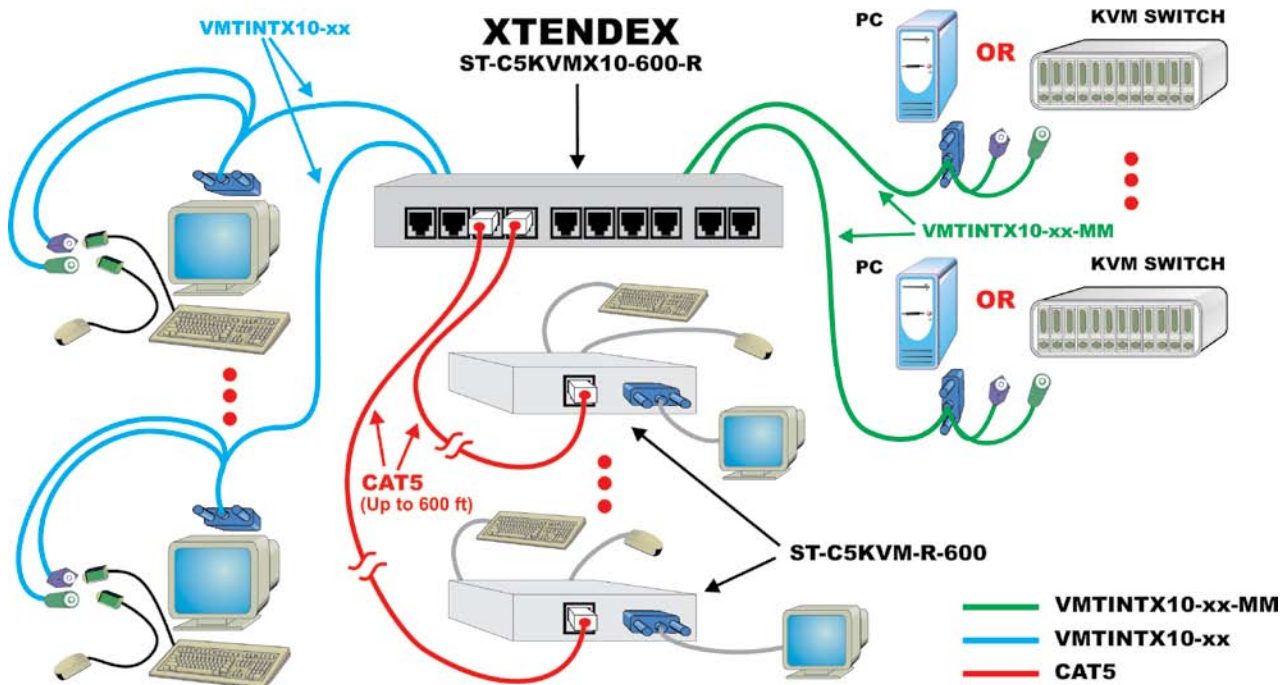- Baud rate up to 56,000.
- Support for a touch screen monitor.

Cables

- NTI High Density cables between user devices and the XTENDEX Multiple KVM Extenders are required for proper operation.
- NTI High Density cables between the CPUs and the XTENDEX Multiple KVM Extenders are required for proper operation.
- Cables not included.

NETWORK TECHNOLOGIES INCORPORATED

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Configuration and Cable Illustration

Distances and Resolutions for CAT5/CAT5e and CAT6 cables		
Cable	Distance (feet)	Local Unit WxDxH (in.)
CAT5/CAT5e (UTP)	600	1024x768 at 60Hz
CAT5/CAT5e (UTP)	400	1280x1024 at 60Hz
CAT5/CAT5e (UTP)	300	1600x1200 at 60Hz
CAT5/CAT5e (UTP)	100	1920x1440 at 60Hz
CAT6 (UTP)	300	1024X768 at 60Hz
CAT6 (UTP)	200	1280x1024 at 60Hz
CAT6 (UTP)	100	1920x1440 at 60Hz

Rackmount Local Extender Models		
Supported Features	NTI Part #	Local Unit WxDxH (in.)
KVM	ST-C5KVMX10-600-R	19x12x1.75
KVM+AUDIO	ST-C5KVMAX10-600-R	19x12x1.75
KVM+RS232	ST-C5KVMRSX10-600-R	19x12x1.75

Remote Unit Models		
Supported Features	NTI Part #	Local Unit WxDxH (in.)
KVM	ST-C5KVM-R-600	3.5x3.1x1.2
KVM+AUDIO	ST-C5KVMA-R-600	3.5x3.1x1.2
KVM+RS232	ST-C5KVMRS-R-600	3.5x3.1x1.2

Interface Cables	
Cable	Description
VMTINTX10-xx	PS/2 keyboard, PS/2 mouse and VGA to an NTI Rackmount Local Extender
VMTINTX10-xx-MM	NTI Rackmount Local Extender to PS/2 CPU with keyboard, mouse and VGA connections
VMATINT-xx	PS/2 keyboard, PS/2 mouse, VGA and stereo audio to an NTI Rackmount Local Extender
VMATINT-xx-MM	NTI Rackmount Local Extender to PS/2 CPU with keyboard, mouse ,VGA and stereo audio connections
VMRSTINT-xx	PS/2 keyboard, PS/2 mouse, VGA and RS232to an NTI Rackmount Local Extender
VMRSTINT-xx-MM	NTI Rackmount Local Extender to PS/2 CPU with keyboard, mouse, VGA and RS232 connections

XTENDEX®

www.networktechinc.com/rackmount-extender-extender.html

2

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