

# HDMI USB KVM Extender over HDBase-T

XTENDEX®

## Extend HD1080p, Multi-channel Audio, USB keyboard/mouse, IR, RS232 and optional Ethernet up to 328 feet over HDBase-T technology

- Transmits an uncompressed high speed HDMI signal over one CAT5e/6/7 cable.
- Supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA).
- Only one power supply is necessary to power both the local and remote units.
- HDMI features supported:
  - x.v.Color, sYCC601 color, Adobe RGB Color and Adobe YCC601 color
  - Dolby TrueHD, DTS-HD Master Audio, Dolby Digital, and DTS
  - Bandwidth up to 154 MHz (3.76 Gbps)
  - Support for CEC (consumer electronic control) compatible devices.
  - Lip Sync
- HDCP compliant.
- Supports the DDC2B protocol.
- Full Infrared Remote (IR) control of HDMI source from remote HDTV using existing source remote control.
- USB ports for keyboard and mouse.
  - Keyboard and mouse are hot-pluggable.
  - Keep-alive keyboard/mouse emulation for flawless operation.
- Features an additional USB port on the remote unit for a touch screen monitor, interactive whiteboard, or CAC card reader.
- Bi-directional RS232 interface.
- Optional Ethernet port on the transmitter and receiver for connecting network devices such as 100Base-T routers, hubs, smart TVs or smart Blu-Ray players.
- Integrated mounting brackets for easy surface/wall mounting.
- High quality, rugged steel construction with durable powder coat finish.

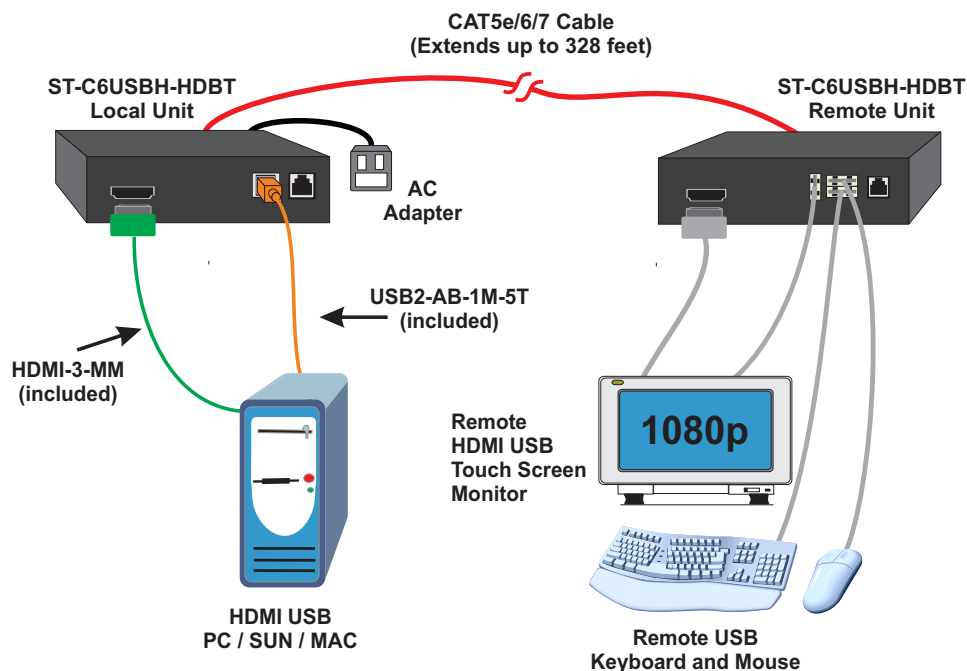


**XTENDEX® ST-C6USBHE-HDBT (Remote and Local Unit)**



The XTENDEX® HDMI USB KVM Extender over HDBase-T provides remote KVM (USB keyboard, USB mouse and HDMI monitor) access to a USB computer up to 328 feet away over a single CAT5e/6/7 cable using HDBase-T technology. Each video extender consists of a local unit that connects to a computer, and a remote unit that connects to a keyboard, monitor and mouse.

### Configuration and Cable Illustration



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## Specifications

### Local Unit

- Compatible with a USB computer (PC, SUN, MAC) or HDTV video source with HDMI output.
- Multiplatform support: Windows 2000/XP/Vista/7/8/10, Windows Server 2000/2003/2008/2012/2016/2019, Solaris, Linux, FreeBSD, and MAC OS 9/10.
- One female HDMI connector.
- One female USB Type B connector.
- IR extension support: one female 3.5 mm port for IR emitter (included).
- RS232 support – one female RJ45 port.
- Optional female RJ45 100BaseT Ethernet port for connecting standard network device such as a 100Base-T router or hub.
- One female RJ45 port for sending/receiving high definition video, audio, IR, USB, RS232 and DDC signals.

### Dimensions

- WxDxH (in): 4.96x3.03x1.06 (126x77x27 mm).

### Power

- Powered from a single power supply attached to either the local or remote unit.
- Local or remote unit: 100 to 240 VAC at 50 or 60 Hz via AC adapter. (Country-specific AC adapter included.)

### MTBF

- ST-C6USBH-HDBT: 227,958 hours

### Environmental

- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: -22 to 140°F (-30 to 60°C).
- Operating/storage relative humidity: 17 to 90% non-condensing RH.

### Regulatory Approvals

- CE, RoHS
- TAA complaint

### Remote Unit

- Supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA).
- One female HDMI connector.
- IR extension support: one female 3.5 mm port for IR receiver (included).
- Two female USB Type A connectors.
  - Compatible with most USB keyboards and mice, including Logitech M570 wireless mouse and Logitech K400 wireless keyboard.
- Additional female USB Type A connector for a USB 2.0 (low/full speed) device - USB touch screen monitor, CAC card reader, interactive whiteboard, or barcode scanner.
  - USB maximum data rate: 12 Mbps.
  - Supported touch screen monitors: Microtouch 3M, ELO 1529L 3000 Series, ELO 3202L, Dell S2240T, Smart Podium ID422w, Hope Industrial HIS-RL17, NEC MultiSync E222W, Industrial Electronic Devices Inc IWS-240t-G3, Zytronic CML-170, Pulse IR TSV4001/DT40 and HP Compaq.
  - Supported interactive whiteboards: SMART Board™ SB640
  - Supported card readers: Athena, Cherry, Gemalto, Generic USB, and Dell smart card/keyboard combo.
- RS232 support – one female RJ45 port.
- Optional female RJ45 100BaseT Ethernet port for connecting standard network device such as a 100Base-T router or hub.
- One female RJ45 port for sending/receiving high definition video, audio, IR, USB, RS232 and DDC signals.

### Max Distance

- 328 feet (100 meters) over CAT5e/6/7 cable.

### Warranty

- Two years

HDMI USB KVM Extender over HDBase-T Models	
NTI Part #	Supported Features
ST-C6USBH-HDBT	HDMI, USB KVM, Additional USB port, RS232, IR
ST-C6USBHE-HDBT	HDMI, USB KVM, Additional USB port, RS232, IR Ethernet