### 4K 18Gbps HDMI USB KVM Extender over HDBase-T XTENDEX®

# Extend Ultra-HD 4Kx2K 60Hz 4:4:4 HDMI display, Multi-channel Audio, USB keyboard/mouse and IR up to 230 feet away from the source using HDBase-T technology

- Transmits an uncompressed high speed HDMI signal over one CAT6/6a/7 cable.
- Supports Ultra-HD 4Kx2K resolutions to 3840x2160@60Hz YUV 4:4:4, and HDTV resolutions to 1080p.
- HDMI features supported:
  - HDMI 2.0
  - 24-bit Deep Color
  - RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
  - LPCM, Dolby Digital, and DTS Digital
  - Bandwidth up to 600 MHz (18 Gbps).
  - Support for CEC (consumer electronic control) compatible devices.
  - 3D
  - HDR
- HDCP 2.2 compliant.
- Bi-directional Infrared Remote (IR) control of HDMI source or display. IR transport channel can be forward or backward per the installation.
- USB ports for keyboard and mouse.
- Keyboard and mouse are hot-pluggable.
- Only one power supply is necessary to power both the local and remote units.



#### ST-C6USB4K18GB-HDBT230 (Remote and Local Unit)

- Extend Ultra-HD 4Kx2K video, USB, and IR to 230 ft via one CATx cable
- 18Gbps bandwidth
- Only one power supply required

The XTENDEX® 4K 18Gbps HDMI USB KVM Extender over HDBase-T transmits uncompressed digital Ultra-HD 4Kx2K 60Hz 4:4:4 HDMI signal, USB, and IR up to 230 feet over a single CATx cable using HDBase-T technology. Each extender consists of a local unit that connects to a computer, and a remote unit that connects to a keyboard, monitor and mouse.

#### **Specifications**

#### Local Unit

- Compatible with a USB computer or HDTV video source with HDMI output.
- Multiplatform support: Windows 2000/XP/Vista/7/8/10, Windows Server 2000/2003/2008/2012/2016, Solaris, Linux, FreeBSD, and MAC OS 9/10.
- One female HDMI connector.
- One female USB Type A connector.
- Two female 3.5mm ports for connecting an IR emitter and receiver (included).
- One female RJ45 port for sending/receiving high definition video, audio, IR and USB.
- Supports HDCP 2.2.

#### Power

- Powered from a single power supply attached to the remote unit.
  - Input: 100 to 240 VAC at 50 or 60 Hz via AC adapter. (US AC adapter included.)
  - Output: 12VDC, 2A

#### Environmental

- Operating temperature: 32 to 131°F (0 to 55°C).
- Storage temperature: -14 to  $158^{\circ}F$  (-10 to  $70^{\circ}C$ ).
- Operating and storage relative humidity: 0 to 90% non-condensing RH.



1.800.RGB.TECH (800.742.8324) Toll Free: US & Canada

**Remote Unit** 

- One female HDMI connector for display.
- Two female USB Type A connectors for keyboard and mouse.
- Two female 3.5mm ports for connecting an IR emitter and receiver (included).
- One female RJ45 port for sending/receiving high definition video, audio, IR and USB.
- Supported video resolutions:
  - Ultra-HD 4Kx2K 60Hz 4:4:4 resolutions (3840x2160 @30/50/60Hz)
  - HDTV resolutions to 1080p
- Supports HDCP 2.2.
- Max data rate: 18Gbps

#### **Dimensions**

WxDxH (in): 3.43x4.31x0.92 (87x109.5x23.4mm)

#### Max Distance

■ 230 feet (70 meters) over CAT6/6a/7 cable.

#### **Regulatory Approvals**

CE, FCC, RoHS

#### Warranty

Two years

330.562.7070 330 International calls Wo

330.562.1999 sale Worldwide fax www

© 2019 NTI. All rights reserved.

## 4K 18Gbps HDMI USB KVM Extender over HDBase-T XTENDEX®

# Extend Ultra-HD 4Kx2K 60Hz 4:4:4 HDMI display, Multi-channel Audio, USB keyboard/mouse and IR up to 230 feet away from the source using HDBase-T technology

### **Specifications (continued)**

#### Cables

- Interface cables between the video source/display and the transmitter/receiver are required for proper operation.
  - Supports cable lengths to 10 feet for 4Kx2K resolutions and 50 feet for 1080p.
    - Longer cables can be used provided they have a built-in video equalizer (also known as "active HDMI cables").
- Use HD-xx-MM cable to connect an HDMI source or display (not included).
- Use DVI-HD-xx-MM cable to connect a DVI source or display (not included).
  - Does not support 4Kx2K resolutions.

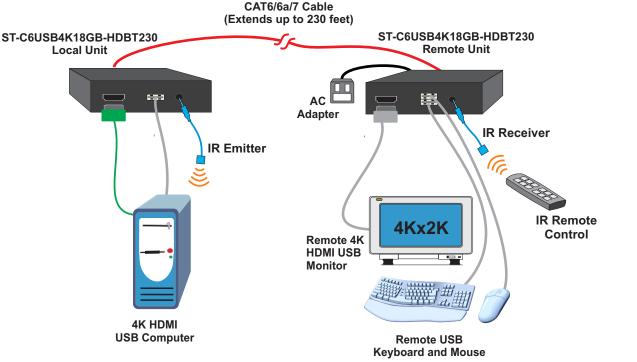
**Configuration and Cable Illustrations** 

- Use CAT6/6a/7 straight through cable for TIA/EIA-568B wiring terminated with standard RJ45 connectors (not included).
- 1-meter male USB Type A to male USB Type A interface cable included.

#### Package Includes

- One transmitter unit
  - One receiver unit
- Two IR emitters
- Two IR receivers
- One power supplyOne USB Type A to Type
- One USB Type A to Type A cable
- User manual







1.800.RGB.TECH (800.742.8324) Toll Free: US & Canada © 2019 NTL.

330.562.7070 International calls 330.562.1999 Worldwide fax

2