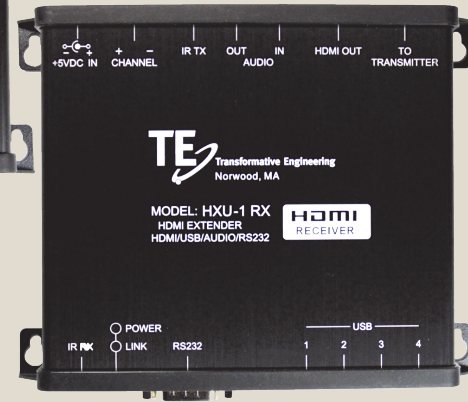
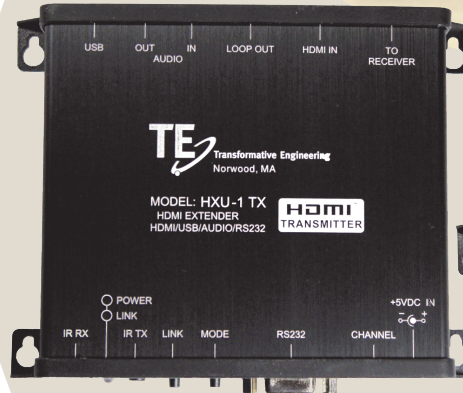




# HXU-1

## Xtreme HDMI Extender/ AV over IP Matrix Switching Solution

Tailored specifically to the needs of today's Commercial Integrators, the **HXU-1** provides nearly a dozen solutions in one easy to use UTP extender. Now you can send up to 1080p Full High Definition or WUXGA (1920x1200) over a single Cat6, as far as 600' (500' on Cat5e). This in itself sets our unit apart from the competition, but we didn't stop there. The **HXU-1** extends multiple USB2.0 peripherals such as keyboards, mice or thumb drives over the same UTP; along with 2-way RS232 and built in bi-directional IR for control of nearly any connected device. For times when analog audio is necessary, we provide a stereo audio pathway from the transmitter to the receiver as well as from the receiver to the transmitter. With an HDMI loop out on the HXU-1tx, it can be used in conjunction with or as a KVM.



But wait there's more! The HXU-1 works **TErrific** as a traditional 'point to point' UTP extender, but it can do so much more.

When installed on a Giga-Fast network an HXU-1 transmitter can connect to multiple receivers on the same LAN, or multiple source devices can be shared by a single display or multiple displays. This allows the HXU-1 to act as an effective HDMI Matrix Switching Solution, controllable via IR, RS-232, or IP.

### HXU-1 Product Highlights:

- 1080p Full HD and 1920x1200 WUXGA HDMI
- USB 1.1, 2.0 extender and hub
- KVM
- 2-way RS232 + bi-directional IR (built in pick/ups)
- Bi-directional analog audio
- Xtreme distance point-to-point extender
- Multi-point to multi-point AV over IP (Giga-Fast network) Matrix Switch
- Three (3) Year Warranty

# HXU-1

## Xtreme HDMI Extender/ AV over IP Matrix Switching Solution

- ① Rugged Shielded aluminum enclosure brushed anodized surface
- ② Rubber surrounds for short protection and safety
- ③ IR Receiver
- ④ Power & Link LEDs
- ⑤ IR Transmitter
- ⑥ Link
- ⑦ Mode
- ⑧ RS232
- ⑨ Channel
- ⑩ Power input
- ⑪ USBa
- ⑫ To receiver
- ⑬ To transmitter
- ⑭ HDMI out
- ⑮ Audio in
- ⑯ Audio out
- ⑰ USBb
- ⑱ Mounting brackets

### HXU-1 Specifications:

#### Input Signal:

HDMI  
USBb 2.0 (  
RS232 (DB9 Female)  
Analog L/R Audio  
Infrared (built in pick/up)

#### Video Formats Supported:

All up to 1080p (Full HD)  
All up to 1920x1200 (WUXGA)

#### Audio Formats Supported:

All HDMI Supported Formats.  
2 Channel Analog Audio via 1/8"  
TRS mini-jack

#### Control Formats Supported:

2-way RS232, Baud Rate 115200,  
Full Duplex Data communication.  
Dual Band IR  
USB 1.1 and 2.0  
Console API

#### Output Signal:

HDMI  
USBa 1x1.1, 3x2.0  
RS232 (DB9 Male)  
Analog L/R Audio  
IR

#### AV over IP:

Gigabit fast network required  
IGMP Snooping & min. 8k Jumbo  
Frame Support required.  
Create a Matrix up to 16 x 238  
(source x display)  
PC Control requires Windows XP  
or later.  
See our website for a list of some  
compatible network switches.

#### Maximum Distance:

180 meters on Cat6  
150 meters on Cat5e

#### Power Supplies:

2 x 5v DC, 2A

#### Dimensions:

4.9" x 5.5" x 1.2"

#### Weight:

1Lb each



Contributor Member of HDBase-T Alliance

Authorized HDMI Adopter

**TE** Transformative Engineering

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