

HDMI OVER UTP EXTENDER WITH HDBASET™

SENDER & RECEIVER



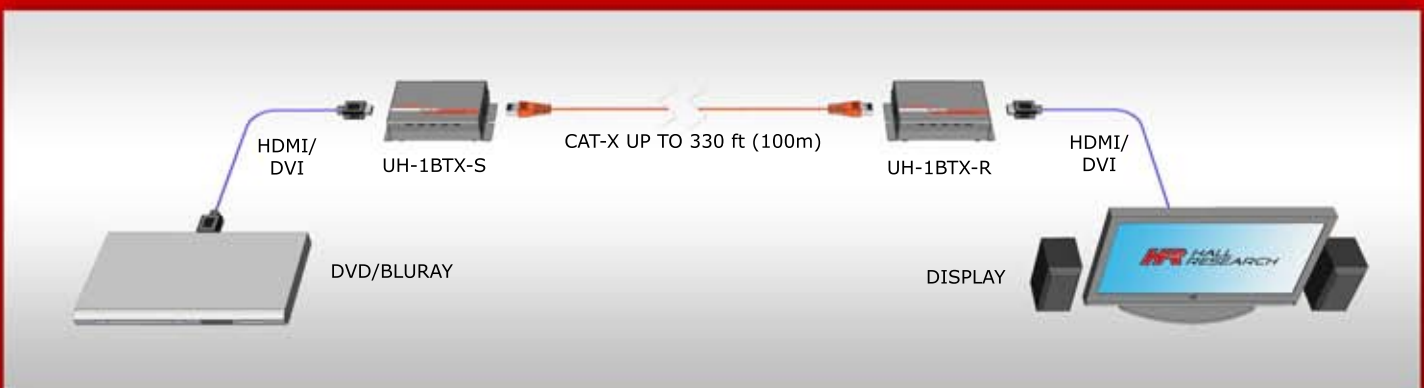
UH-1BTX

- Extends HDMI or DVI over a single Cat 5e/6 to 330 ft (100 m)
- Utilizes HDBaseT extension technology
- Full HD support 1080p deep color, 3D, and 4K x 2K resolution
- HDCP Compliant with pass-thru EDID from display to source
- Supports virtually all HD and PC resolutions
- Supports HDMI Audio
- Compatible with all HDBaseT and HDBaseT Lite compliant products



The UH-1BTX extends any HDMI or single link DVI video signal up to 330 ft (100 m) over inexpensive Cat5e or Cat6 cable using HDBaseT technology. True plug and play operation requires no setup or adjustments. Video and embedded audio signals are transmitted without any compression to the remote for a 100% identical reproduction.

The UH-1BTX consists of a kit of compact and sturdy Sender and Receiver with metal enclosures. All secondary data channels such as HDCP, DDC, and Hot-Plug detect are transparently connected between the source and the sink for a truly trouble-free operation.



CONTROL

SCALE

EXTEND

SWITCH

KVM

SPECIFICATIONS

Max Distance -----	330 ft (100m)
Video Standards: -----	DVI (single link) and HDMI (compliant with HDMI 1.4 video specifications including 12 bit color depth, 3D video and 4K support)
Signal Type -----	TMDS
Connectors -----	Locking HDMI
Video Resolutions -----	DVI: VGA (640x480) to WUXGA (1920x1200) HDTV: 480i to 1080p
Digital Cinema -----	4K (4096x2160)
Audio -----	All HDMI Embedded Audio
DDC -----	Pass-Thru DDC for reading EDID directly from remotely connected LCD and HDCP handshake
CEC -----	Pass-Thru DDC for Consumer Electronics Control compatible devices
Power Supply -----	100 VAC to 240 VAC, 50-60 Hz, external; 5 VDC, 2.6 A, regulated
Nominal Power -----	Sender: 2.25 W max Receiver: 4.25 W max
Temperature -----	Storage: -40 to 158 °F (-40 to 70 °C) Operating: 32 to 104 °F (0 to 40 °C)
Humidity -----	10% to 90%, non-condensing
Cooling -----	Convection
Mounting -----	End plates have L bracket with hole for surface mounting
Enclosure -----	Metal (Steel ends and Aluminum extrusion)
Dimensions -----	4.625" x 2.75" x 1.25"
Weight -----	Product: 0.75 lb (0.35 kg) Shipping: 1.5 lbs (0.70 kg)
Vibration -----	ISTA 1A in carton (International Safe Transit Association)
Safety -----	CE
EMI/EMC -----	CE, FCC Class A
MTBF -----	90,000 hours (Calculated Estimate)

Hall Research also offers the **UH-1BT** for budget critical applications. The **UH-1BT** is identical in every respect to the UH-1BTX except it supports a maximum distance of 230 feet. Please check <http://hallresearch.com/page/Products/UH-1BTX> for details.

