

## **Hall Research HBX-R HDMI Video Extender (Receiver) With Ultra-HD AV/IR/RS232 and Ethernet**

This product is a Class A HDBaseT compliant Receiver that supports 100meter Cat6 range and is used to extend HDMI, RS-232, IR, and Ethernet (100BaseT) up to 100 meters (328 feet) using a single Cat6 cable.

Since the product uses the HDBaseT standard, video is extended pixel-by-pixel with no compression or latency. The extender supports all PC and HDTV Resolutions including 4K @ 30 Hz 4:4:4 or 4K @ 60 Hz 4:2:0. The IR extension preserves the modulation (carrier) frequency thereby providing compatibility to most standards.

Receiver includes a universal 5v power supply. IR emitter and IR detector cables are included.

### **Features:**

- Fully Compliant with HDBaseT standard
- Supports virtually all HDMI and DVI resolutions including 4K UHD
- Extends, Video, Audio, RS-232, IR, and Ethernet
- Supports extension to 100 m (330 ft)
- Fully isolates grounds between TX and RX sides
- Compact, Rugged, Reliable, and Economical
- Plug and play, no configuration needed
- Receiver can be powered via PoC from senders that provide PoC such as HSM-44-BX Matrix Switch with HDBaseT outputs