

HL-2S
Professional Lite
HDMI Extender

For those requiring a robust HDMI Extender without all the full functions and features of our Flagship Product, but wishing for the highly requested Audio Return Channel feature, we introduce the HL-2S. Utilizing the version of HDBase-T known as "Class B", the HL-2S offers HDMI extension at 1080P up 70 Meters or UHD4K up to 40m, along with Bi- Directional IR; all over a single CAT6 UTP cable. We continue with our tradition of a Single 24V Power Supply, NOW injected at either the Transmitter side OR the Receiver side.

HDMI features include support for 4K x 2K resolution, 3-D, and all current Audio Formats including DTS-HD and DolbyTrue-HD.

With nearly all new televisions including "Smart TV" functions, it's more imortant than ever to have a cost effective solution to carry the TV's digital audio to a capable surround sound receiver. In addition to Audio Return Channel, the HL-2S offers an Optical Digital pathway as an alternative to ARC.







HL-2S Product Highlights:

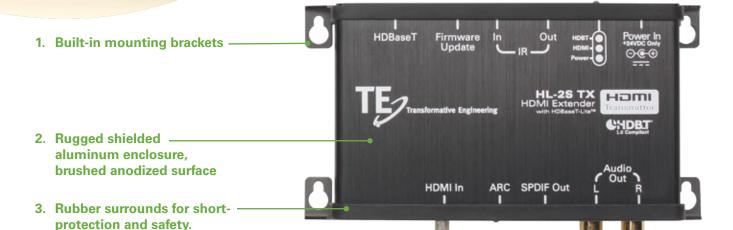
- One Single UTP (Cat5e/CAT6) Cable required
- Powered via one (supplied) 24V Power Supply
- Audio Return Channel (ARC)
- Toslink Optical Digital
- Diagnostic Indicator lights for monitoring performance and operation
- Highest Quality Extruded Aluminum case for cooling, shielding, and safety
- IR Bi-Directional PassThru with Powered option. Adapter now Included for IR Pass-Thru
- Solid performance at 70M at 1080p, 40M UHD4K
- Fully Automatic Cable length compensation. No dials or switches needed
- Three (3) Year Warranty

Included In Kit:

- (1) HL-2STX HDMITransmitter Module
- (1) HL-2SRX HDMI Receiver Module
- (1) 24V Power Supply Integrated of mounting tabs
- (2) Sets of Heat-Sink Pressure Tape
- (1) SMA-1 IR Adapter Cord for Power-Pass applications
- (1) Installation Manual

HL-2S Professional Lite HDMI Extender

The Smart TV HDMI Extender Solution



- 4. Analog Audio Out -
- 5. Digital Optical Out (SPDIF)
- 6. ARC Indicator -
- 7. HDMI In (or Out) with ARC



- 8. HDBaseT RJ45 Link Connection
- 9. Mini USB (Firmware Updates)
- 10. IRDA In -
- 11. IRDA Out -
- 12. Power feedback LED
- 13. Link feedback LED
- 14. HDCP feedback LED
- 15.+24VDC Power Input

HL-2S Specifications

Input Signal:

HDMI Version 1.0 thru 2.0

IR Signal - PassThru (Xantech

Compatible)

IR Powered Pickup - Ring (Ground),

Tip (Signal), Sleeve (+12VDC)

Audio Return Channel

Toslink Optical Digital (Rx)

Video Formats Supported:

480i/576i/480p/576p/720p/1080i/

1080p/1080p@48bit

UHD4K-30Hz-4\4\4

Audio Formats Supported:

All HDMI Supported Formats, including DTS-HD,Dolby-HD,

DVD-A, Dolby True-HD, 8-CH LPCM

Output Signal:

HDMI Version 1.0 thru 2.0

IR Signal – PassThru (Xantech

Compatible) 12VDC at 500 Ma

Maximum Distance:

70 Meters (230 Feet) with CAT6

@ 1080p, 40 Meters (133 Feet) @

UHD4K. Greater distances at lesser

resolutions

Power Supply (included): 12VDC @ .75A

Dimensions (Each):

5.75" W x 1.1" H x 3.75" D (with

connector)

Weight:

1.0 Lbs (Each)



Contributor Member of HDBase-T Alliance Authorized HDMI Adopter 781-769-6410 Norwood, MA 02062 USA www.transformativeengineering.com