



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 to 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 Dolby True-HD.

With nearly all new televisions including "Smart TV" functions, it's more important 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.



HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT[®]
1.0 Compliant

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 HDMI Transmitter 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

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The Smart TV HDMI Extender Solution

1. Built-in mounting brackets

2. Rugged shielded
aluminum enclosure,
brushed anodized surface

3. Rubber surrounds for short-
protection and safety.

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 – Pass Thru (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-60Hz-4\2\0/
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 – Pass Thru (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.transmutiveengineering.com