

TECHNICAL SPECIFICATIONS

| VIDEO | |
|--------------------------|-------------------------------------|
| Format | HDMI 1.3 and HDCP compliant |
| HDTV Resolutions | 480p, 720p, 1080i, 1080p/60Hz/48bit |
| TV Resolution | 480i |
| Input Interface (TX) | HDMI Type A 19-pin Female TMDS |
| Output Interface (RX) | HDMI Type A 19-pin Female TMDS |
| Input Cable Length (TX) | Up to 40 ft. |
| Output Cable Length (RX) | Up to 40 ft. |
| AUDIO | |
| Format | Dolby TrueHD, DTS-HD MA |
| Input Interface | HDMI (Integrated) |
| Output Interface | HDMI (Integrated) |
| IR | |
| Signal Type | 38 KHz |
| Interface | 3.5 mm Jack Socket (Female) |
| SYSTEM | |
| Interface | RJ-45 |
| Cable Requirements | CAT5/5e/6 |
| Maximum Length | 500 ft. |
| OTHER | |
| Power Adapter | 5VDC2A |
| Approvals | UL, CE, ROHS Compliant |
| Weight (TX + RX) | .45 lbs. |
| Dimensions (Each) | 2.78" W x 1.125" H x 4" D |
| Operating Temp | 32 to 131 °F (0 to 55 °C) |
| Storage Temp | -4 to 185 °F (-20 to 85 °C) |
| Operating Humidity | Up to 95% (No Condensation) |

ORDER INFO

| Part No. | Description |
|------------|--|
| HLX-500S | HDMI Point-to-Point Extender over LAN or CAT5e/6. Includes: [HLX-TX500, HLX-RX500, and 2 x PS5VD2A-Wall Mount] |
| HLX-TX500S | HDMI, LAN or CAT5e/6 Transmitter. Includes: [HLX-TX500, PS5VD2A-WLLMNT] |
| HLX-RX500S | HDMI Receiver over LAN or CAT5e/6. Includes: [HLX-RX500 and PS5VD2A-WLLMNT] |

WHAT'S IN THE BOX

| PART NO. | QTY | DESCRIPTION |
|-----------|-----|--|
| HLX-500-S | 1 | HDMI, IR, Point to Point CAT5 Extender. Includes: [HLX-500-TX, HLX-500-RX] |
| PS5VDC2A | 2 | Power Adapter |
| | 1 | Quick Start Guide |

IR Emitter and Receiver are optionally available from Smart-AVI.

NOTICE

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Smart-AVI
SMART AUDIO VIDEO INNOVATION

HLX-500

Chainable HDMI Extender via LAN



Break distance barriers to
extend HDMI signals over IP
using Cat5e/6 cables

Quick Start Guide

INTRODUCTION

The HLX-500 HDMI Extender gives users the freedom to extend HDMI signals via LAN, using inexpensive Cat5e/6 cables that many modern communications already rely on. This chainable extender can be used to generate thousands of feet of HDMI signal extension, breaking distance barriers. Users can set up their own extension cabling or utilize the pre-existing LAN infrastructure they have access to. Each unit extends signals up to 500 feet. With no software or driver required. Users can easily extend HDMI signals such as HDTV, Blu-Ray, video game consoles and more. The HLX-500 supports 1080p HD video up to 1920x1080 resolution at 60Hz and is Infrared Remote enabled.

The HLX-500 is a compact unit that is easily integrated into a digital display network at retail stores, restaurants, office spaces and many other venues. The transmitter and receiver units are small yet sturdy, which makes inclusion into any audio/video infrastructure quick and efficient.

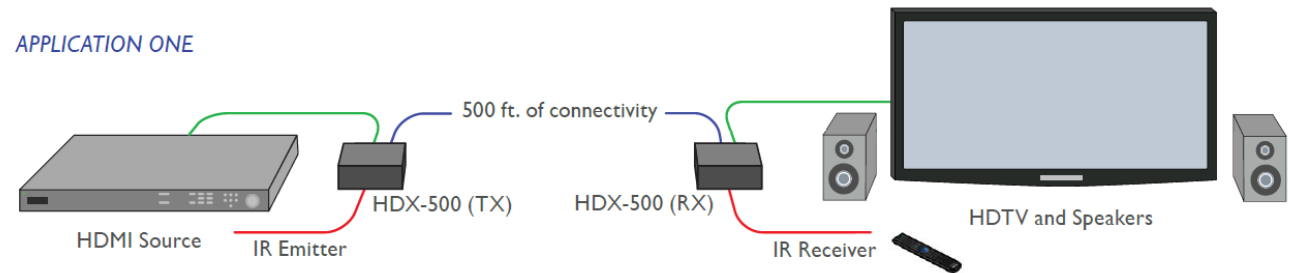
The HLX-500 compresses data to utilize Cat5e/6 cables, but users will see no degradation of signal when using one gigabit Internet connections and up. For users utilizing pre-existing LAN connections, implementing a one gigabit switch allows for full resolution extension. Users with smaller bandwidth will experience compressed signals, if they so choose.

INSTALLATION DIAGRAM

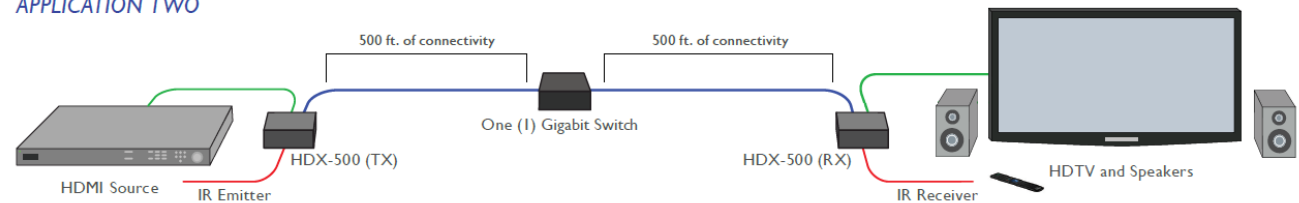
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HLX-500

APPLICATION ONE



APPLICATION TWO



CONNECTING THE PRODUCT

Application 1

1. Connect an HDMI cable from the HDMI source to the HLX-500-TX.
2. Connect the HDMI display to the HLX-500-RX.
3. Connect the HLX-500-TX to the HLX-500-RX with a CAT5e/6 cable.
4. Power on the HLX-500-TX and the HLX-500-RX.

Application 2

1. Connect an HDMI cable from the HDMI source to the HLX-500-TX.
2. Connect the HDMI display to the HLX-500-RX.
3. Connect the HLX-500-TX to a 1 Gigabit switch with a CAT5e/6 cable.
4. Connect the HLX-500-RX to a 1 Gigabit switch with a CAT5e/6 cable.
5. Power on the HLX-500-TX and the HLX-500-RX.

Note:

IR Emitter and Receiver are optionally available from Smart-AVI.

If you lose Audio / Video there are reset buttons on the TX and RX for Audio / Video recovery.

Resident EDID is: PCT_EXTENDER

