



# UHX100M 4K HDMI Extender

Commercial-Grade



## One Platform, Endless Possibilities

An Ecosystem of products specifically designed for professionals.



### Commercial-Grade

With durable construction and ultra-sleek design, CE Labs extenders are perfect for any project that requires 24/7 performance.



### CE PROLink™

CE Labs PROLink™ Series creates a fully connected PROAV ecosystem. Easily connect, control, and manage your entire network.



### 3 Year Warranty

CE Labs products are built for professionals. All products come with a 3-year warranty and superior customer support.

## PRODUCT OVERVIEW

The UHX100M is a commercial-grade Ultra-High Definition HDBaseT HDMI Extender kit. The UHX100M supports 4K/60/4:4:4 @100M. With an ultra-compact and rugged chassis the UHX100M is ideal for professional environments that require 24/7 performance.

The CE Pro-link™ of HDMI extender kits are the latest generation of reliable HDBaseT extenders for HD/4K/UHD AV signals. The CE Pro-link™ series includes HD and UHD models with a variety of powering and extension distance options. Perfect for AV professionals that demand the most cost effective and installation-friendly features.

## FEATURES

Compact Design and rugged steel chassis

Most cost Effective HDBaseT solution

75% lower power consumption

# SPECIFICATIONS

MODEL: UHX100M

## FEATURES

- Uses HDBaseT technology
- Extends HDMI signal over one CAT5e/6/6a/7 cable - 4K UHD/60Hz with 4:4:4
- Extends IR and RS232 signal over one CAT5e/6/6a/7 cable
- Transmission range up to 100M by CAT5e/6/6a/6
- Do NOT use STP cable
- Support 1080p@60Hz@48bit & 100m 4K\*2K @60Hz at 100M
- Built in IR control bidirectional
- Two way IR selectable
- HDMI 2.0 and HDCP 2.2/1.4 and DVI Compliant
- RoHs, CE, FCC Compliant
- Cat Cable 5e/6/6a/7 Distance: Min. 10 ft (3M) - Max. 330 ft (100M)
- HDMI Cable Type A Distance: Min. 2 ft - Max. 16 ft, Type A
- 18 Gbps (6 Gbps per color)
- Transmitter has loop out for local display

## VIDEO

- HDMI 2.0
- HDCP 2.2/1.4 & DVI compliant
- Maximum Resolution: 1080p/60Hz@48 bit | 4K/60Hz 4:4:4
- Max. Distance: 1080p/60Hz 12bit: 330ft (100M) | CAT 5e/6 4096x2160@60Hz 4:4:4(70M) | CAT6a/7 4096x2160 @60Hz 4:4:4 330ft(100M) | Zero video latency

## AUDIO

- Audio support up to LPCM7.1, Dolby TrueHD, DTS-HD MA
- Audio transmission full pass-through

## EDID Setup

- OFF, OFF 1080i/LPCM 2 Channel
- OFF, ON 1080p/LPCM 5.1 Channel
- ON, X Learn EDID

## POWER

- Wall transformer: 5VDC/ 2A, 2.5 mm connector
- TX Max current: 420mA Power: 0.263-1 Amp
- RX Max current: 180mA Power: 0.324-1.6 Amp

## I/O PORTS

- Transmitter/Receiver HDMI type A
- RJ45 Data Connector
- 2.5mm X 5.5mm female connector Power jack
- 3.5mm Stereo female phone jack IR signal
- LED Indicators: Pwr On, Link, Video, FW UP, IR TX, IR RX
- 3.5mm female RS-232 jack

## IR

- Connector 3.5mm
- IR Carrier Frequency: 30 - 60Khz
- IR Angle: Transmitter ± 10°
- IR Angle: Receiver ± 55°
- IR Distance: 5m / Bi-directional

## RJ45 Define: Video Link (TIA/EIA-568-B)

- |                           |                          |
|---------------------------|--------------------------|
| 1. Orange-White: DATA 0 + | 5. Blue-White: DATA 2 -  |
| 2. Orange: DATA 0 -       | 6. Green: DATA 1 -       |
| 3. Green-White: DATA 1 +  | 7. Brown-White: DATA 3 + |
| 4. Blue: DATA 2 +         | 8. Brown: DATA 3 -       |

## ACCESSORIES

- 1 IR Transmitter, 1 IR Receiver
- 2 Power wall adapters
- Rubber Feet
- Set of 8 Plastic Drywall Anchors
- Product Manual

## MISCELLANEOUS

- Transmitter Dims.: (H) 1.18", (W) 3.5", (D) 4.3" | Weight 10oz.
- Receiver Dims.: (H) 1.18", (W) 3.5", (D) 4.3" | Weight 10oz.
- Operating Temp & Humidity 0-55C, 95% Max Rel. Humidity
- Rugged (Industrial) Powder Coated Steel Chassis
- RS232 3.5mm Female Phone Jack

WARRANTY: \*3 year warranty, parts and labor.

Learn more about CE Labs at [www.celabs.com](http://www.celabs.com).

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