UHX120M
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 UHX120M is a commercial-grade Ultra-High Definition HDBaseT HDMI Extender kit. The UHX120M supports 4K/60/4:4:4 @120M. With a 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

POC remote power

SPECIFICATIONS

MODEL: UHX120M

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 120M by CAT 6/6a/7

Do NOT use STP cable

Support 1080p@60Hz@48bit & 150m 4K*2K @60Hz @ 120M

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. 394 ft (120M)

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: 492ft (150M) | CAT 5e/6 4096x2160@60Hz 4:4:4(90M) | CAT6a/7 4096x2160 @60Hz 4:4:4 394ft(120M) | Zero video latency

AUDIO

Audio support up to LPCM7.1, Dolby TrueHD, DTS-HD MA, Dolby Digital

Audio transmission full pass-through

POWER

Wall transformaer: 24VDC/ 1A, 2.1 mm connector, lock ring

TX Max power: 5.5W

RX Max power: 4.5W

I/O PORTS

Transmitter/Receiver HDMI type A

RJ45 Data Connector

2.1mm X 5.5mm female connector Power jack with lock ring

3.5mm Stereo female phone jack IR signal

LED Indicators: Pwr On, Link, Video

RS-232 jack, 3-PIN Pheonix

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

1 Power wall adapter

2 Mounting ears

2 3-PIN Pheonix connectors

Product Manual

MISCELLANEOUS

Transmitter Dims.: (H) 0.75", (W) 5.5W", (D) 2.6" | Weight 8oz.

Receiver Dims.: (H) 0.75", (W) 5.5", (D) 2.6" | Weight 9oz.

Operating Temp & Humidity 0-40°C, 95% Max Rel. Humidity

Rugged (Industrial) Powder Coated Steel Chassis

RS232 3-PIN Pheonix jack

WARRANTY: *3 year warranty, parts and labor.

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