CE labs®

HX70M
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 HX70M is a commercial-grade HDBaseT HDMI Extender kit. The HX70M support 1080p at 70 meters (230 ft) and 4K60 at 40 meters (130ft). With an ultra-compact and rugged chassis, the HX70M 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: HX70M

FEATURES

Uses only one Cat5e/6/7 cable

3D ready and 4K2K capable @30Hz

Settings not required

Uses HDBaseT lite technology

Extends HDMI and IR signal over one CAT5e/6/6a/7 cable

Uncompressed HD video up to 1080p@60Hz@48bits, 4K/30 capable

HDMI and HDCP Compliance

Transmission range up to 60M by CAT5e/6,

Transmission range up to 70M by CAT6a/7

Built in IR control selectable direction

RoHs, CE, FCC Compliant

Cat Cable 5e/6/6a/7UTP/STP Distance: Min. 10'(3M) - Max. 230'(70M)

HDMI Cable Distance: Min. 2' - Max. 16'

Max. Data Rate 10.2 Gbps

VIDEO

HDMI 1.4

HDCP 1.4 compliance

Maximum Resolution: 1080P/60HZ@48 bit

4K/30Hz@30bit, 4:2:2

4K/60Hz@24bit, 4:2:0

Maximum Distance: 1080P - 230 ft (70M), 4K - 130ft(40M)

Compatible with 3D signals

AUDIO

Audio transmission full pass-through

LPCM 7.1 192KHz, Dolby TrueHD, DTS-HD MA

POWER

Wall Transformer: 5VDC/ 2A, 2.5 mm connector

TX Max current: 600mA Power: 0.8-3 W

RX Max current: 12000mA Power: 1-6 W

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 = Green, Link = Blue

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 –

IR

Connector 3.5mm Phone Jack

IR Carrier Frequency: 30 – 60Khz

IR Angle: Transmitter ± 15°

IR Angle: Receiver ± 55°

 IR Distance: 5m / Bi-directional

ACCESSORIES

2 Power wall adapters

1 IR Receiver

1 IR Transmitter

Set of 4 Plastic Drywall Anchors

Product Manual

MISCELLANEOUS

Dimensions Transmitter/Receiver: (H) 1.09", (W) 1.95", (D) 3.50"

Weight 0.476oz each

Operating Temp & Humidity 0-55C, 95% Max Rel. Humidity

Rugged (Industrial) Power Coated Steel Chassis

HDBaseT Distance Chart By Cable type:

CAT.5e / CAT.6	CAT.6a / CAT.7	CAT.5e / CAT.6	CAT.6a / CAT.7
Range: 60m	Range: 70m	Range: 35m	Range: 70m
Pixel Clock Rate: ≤ 225MHz	Pixel Clock Rate: ≤ 225MHz	Pixel Clock Rate: > 225MHz	Pixel Clock Rate: > 225MHz
Video Data Rate: ≤ 5.3Gbps (HD)	Video Data Rate: ≤ 5.3Gbps (HD)	Video Data Rate: > 5.3Gbps (UHD)	Video Data Rate: > 5.3Gbps (HD)
Supported video:1080p 60Hz 36-bit	Supported video:1080p 60Hz 36-bit	Supported video:1080p 60Hz 48-bit, 1080p 60Hz 3D, 4K*2K 30Hz	Supported video:1080p 60Hz 48-bit, 1080p 60Hz 3D, 4K*2K 30Hz

WARRANTY: *3 year warranty, parts and labor.

CE labs®