

4K HDMI Extender over CAT6/CAT5 Ethernet Cable, 4K 30Hz or 1080p 60Hz Video Extender, HDMI over Ethernet Cable, HDMI Transmitter and Receiver Kit, IR Remote Control

**Product ID:** EXTEND-HDMI-4K40C6P1



This HDMI Extender over CAT6 lets you transmit a 4K 30Hz HDMI audio video signal up to 130ft (40m), or 230ft (70m) for 1080p resolutions. This converter kit includes both the transmitter and receiver for a complete end-to-end solution.

This HDMI extender supports 7.1ch audio and resolutions of up to 4K at 30Hz (3840 x 2160) over a single CAT6/5e cable. The UHD HDMI Extender supports HDMI 1.4 and 4:4:4 chroma subsampling, which ensures a crystal-clear picture.

With support for Power over Cable (PoC), only one power, connected to the transmitter, is required to power both units of the transmitter and receiver kit. IR extension, using the included IR Blaster and Receiver, makes controlling a source device from a remote location easy.

The 4K HDMI Extender over Ethernet cable has an HDMI output on the transmitter unit allowing the solution to be cascaded to other video extenders or for use to a local display. Plug-and-play installation with no additional software or drivers required. The metal housing and built-on mounting brackets allow for professional installation options, ideal for digital signage, boardrooms, and tradeshow applications.

EXTEND-HDMI-4K40C6P1 is backed by a 2-year StarTech.com warranty and free lifetime technical support.

## Certifications, Reports and Compatibility





## Applications

- Extend your 4K HDMI signal in offices, building lobbies, shopping centers, airports and more
- Use existing CAT6 infrastructure to create digital signage
- Extend your HDMI signals to locations that lack power outlets

## Features

- **HDMI OVER ETHERNET CABLE:** This HDMI Extender over CAT6/5e sends 4K 30Hz up to 130ft (40m) or 1080p up to 230ft (70m) 7.1ch Audio 4:4:4 Chroma Subsampling HDCP 1.4 Metal Housing with mounting brackets IR Extension kit incl.
- **SINGLE POWER ADAPTER:** The power adapter connects to the HDMI Extender Kit's transmitter and powers the receiver for areas where power outlets may be limited; Power is delivered to the receiver over the Ethernet cable using Power over Cable (PoC)
- **VERSATILE FUNCTIONALITY:** The Transmitter's HDMI output can be used to connect a local display or cascaded to another HDMI extender; The 4K HDMI extender over Ethernet cable is ideal for displaying video over CAT6 for digital signage in malls, stadiums and hospitals
- **IR EXTENSION:** Extender includes a IR Control Extension Kit with 1x IR Blaster and 1x IR Receiver (5ft/1.5m long cables); IR Blaster/Receiver have adhesive for easy install; Control your IR devices from a remote location (receiver); IR remote not included
- **EASY INSTALLATION:** No IP configuration, software, or drivers required; Durable metal housing and built-on mounting brackets make it ideal for many environments; Point-to-Point transmitter to receiver connection, using a single CAT6/5e cable

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### Hardware

|                |                      |
|----------------|----------------------|
| Warranty       | 2 Years              |
| Cabling        | Cat 5e UTP or better |
| Audio          | Yes                  |
| Rack-Mountable | No                   |
| Daisy-Chain    | Yes                  |

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### Performance

|                            |           |
|----------------------------|-----------|
| Maximum Data Transfer Rate | 10.2 Gbps |
|----------------------------|-----------|

|                             |                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| Max Distance                | 70m [230ft]                                                                                                  |
| Maximum Digital Resolutions | CAT6 Up to 40m: 4K @ 30 Hz<br>CAT6 Up to 70m: 1080p<br>CAT5e Up to 35m: 4K @ 30 Hz<br>CAT5e Up to 60m: 1080p |
| Wide Screen Supported       | Yes                                                                                                          |
| Audio Specifications        | HDMI - 7.1 Channel Audio                                                                                     |
| MTBF                        | 50,000 hours                                                                                                 |

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#### Connector(s)

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| Local Unit Connectors  | 1 - HDMI<br>1 - HDMI<br>1 - RJ-45<br>1 - 3.5mm Stereo Female 3 pos |
| Remote Unit Connectors | 1 - HDMI<br>1 - RJ-45<br>1 - 3.5mm Stereo Female 3 pos             |

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#### Indicators

|                |                               |
|----------------|-------------------------------|
| LED Indicators | 2 - Power LED<br>2 - Link LED |
|----------------|-------------------------------|

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#### Power

|                     |                     |
|---------------------|---------------------|
| Power Source        | AC Adapter Included |
| Input Voltage       | 100 - 240 AC        |
| Input Current       | 0.3 A               |
| Output Voltage      | 12V DC              |
| Output Current      | 1 A                 |
| Center Tip Polarity | Positive            |

|                              |       |
|------------------------------|-------|
| Plug Type                    | M     |
| Power Consumption (In Watts) | 0.1 W |

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#### Environmental

|                       |                               |
|-----------------------|-------------------------------|
| Operating Temperature | 0C to 40C (32F to 104F)       |
| Storage Temperature   | -20C to 60C (-4F to 140F)     |
| Humidity              | 20% - 90% RH (non-condensing) |

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#### Physical Characteristics

|                   |                  |
|-------------------|------------------|
| Color             | Black            |
| Product Length    | 3.1 in [8.0 cm]  |
| Product Width     | 2.8 in [7.1 cm]  |
| Product Height    | 0.7 in [1.7 cm]  |
| Weight of Product | 7.5 oz [212.0 g] |

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#### Packaging Information

|                           |                  |
|---------------------------|------------------|
| Package Quantity          | 1                |
| Package Length            | 8.1 in [20.5 cm] |
| Package Width             | 4.6 in [11.6 cm] |
| Package Height            | 3.0 in [7.7 cm]  |
| Shipping (Package) Weight | 1.2 lb [0.6 kg]  |

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#### What's in the Box

|                     |                                 |
|---------------------|---------------------------------|
| Included in Package | 1 - Local HDMI Transmitter Unit |
|                     | 1 - Remote HDMI Receiver Unit   |
|                     | 1 - IR Blaster - 5ft (1.5m)     |
|                     | 1 - IR Receiver - 5ft (1.5m)    |
|                     | 1 - Power Adapter               |
|                     | 1 - Quick-Start Guide           |

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**Warranty  
Information**

Warranty

2 Years

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***\*Product appearance and specifications are subject to change without notice.***