

45 ft. (14 m) HDMI Signal Booster - 4K 60Hz

**Product ID:** HDBOOST4K2



Use this 4K HDMI signal booster to amplify your HDMI signal and extend it 45 ft. (14 m) using HDMI cabling.

When you're extending HDMI over distances using standard video cabling, higher resolutions from your HDMI 2.0 devices can become unavailable after a few short feet. With this signal extender you can ensure that HDMI 2.0 resolutions up to UHD 4K at 60Hz are available even at distances up to 45 ft. (14 m). You can achieve even longer distances at lower refresh rates - up to 4K at 30Hz, at up to 100 ft. (30 m).

The signal booster works by connecting two HDMI certified cables, each up to 22.5 ft. (7 m) in length, to either side of the signal booster.

With its compact design, the HDMI signal amplifier is easy to hide, for a discreet installation. By extending your video signal using HDMI certified cables, the inline booster is a cost-effective alternative to more expensive extension systems that require the installation of a CAT5 or CAT6 cabling infrastructure.

Support for a variety of extension distances makes the 4K repeater perfect for multi-device deployment across large institutions, such as boardrooms in corporate offices, classrooms in schools, or waiting rooms in hospitals, as these applications may require varied distances in different rooms.

## Certifications, Reports and Compatibility



## Applications

- Amplify your 4K video signals up to 45 ft. (14 m)

- Boost the signal strength of your HDMI video signals in classrooms, offices and boardrooms
- Avoid network cabling to extend video signals, using this extender with standard HDMI cables

## Features

- **HDMI SIGNAL BOOSTER:** Combine two standard-length HDMI cables into an extra-long cable supporting up to 4K 60Hz at a max total cable length of 45ft (14m), with 22.5ft (7m) from source to repeater, and 22.5ft (7m) from repeater to display
- **4K RESOLUTION SUPPORT:** Enjoy astonishing picture quality with support for 4K 60Hz at up to 45 ft. away from your video source; Supports lower resolutions at greater distances such as 1080p at 164ft (50m)
- **AUDIO SUPPORT:** This HDMI inline repeater supports 7.1 surround sound audio for an complete AV solution
- **SMALL FOOTPRINT:** Designed to be compact, this HDMI amplifier is easy to setup and can be hidden away for a discreet installation, making it versatile for installation in a variety of environments
- **TECHNICAL SPECIFICATIONS:** HDMI 2.0 Extender, signal amplifier; Max. Resoution 4K@60Hz; HDCP 2.2; 4:4:4 Chroma subsampling; 7.1ch HDMI surround sound audio; 18Gbps Bandwidth

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### Hardware

|                |         |
|----------------|---------|
| Warranty       | 2 Years |
| AV Input       | HDMI    |
| AV Output      | HDMI    |
| Cabling        | HDMI    |
| Audio          | Yes     |
| Rack-Mountable | No      |
| Daisy-Chain    | No      |

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### Performance

|                       |               |
|-----------------------|---------------|
| Video Revision        | HDMI 2.0      |
| Max Distance          | 14m [46ft]    |
| Wide Screen Supported | Yes           |
| Bandwidth             | 18Gbps        |
| Audio Specifications  | DTS           |
|                       | Dolby Digital |

|                                 |                              |                                                       |
|---------------------------------|------------------------------|-------------------------------------------------------|
| General Specifications          |                              | HDCP 2.2                                              |
| <b>Connector(s)</b>             |                              |                                                       |
|                                 | Connector A                  | 1 - HDMI (19 pin)                                     |
|                                 | Connector B                  | 1 - HDMI (19 pin)                                     |
| <b>Power</b>                    |                              |                                                       |
|                                 | Power Source                 | Not Included (not required for standard applications) |
|                                 | Input Voltage                | 5V DC                                                 |
|                                 | Output Voltage               | 5 DC                                                  |
|                                 | Plug Type                    | USB Micro-B                                           |
|                                 | Power Consumption (In Watts) | <2.5                                                  |
| <b>Environmental</b>            |                              |                                                       |
|                                 | Operating Temperature        | 0C to 70C (32F to 158F)                               |
|                                 | Storage Temperature          | -10C to 80C (14F to 176F)                             |
|                                 | Humidity                     | 5% to 90% RH                                          |
| <b>Physical Characteristics</b> |                              |                                                       |
|                                 | Color                        | Black                                                 |
|                                 | Material                     | Plastic                                               |
|                                 | Product Length               | 1.1 in [2.8 cm]                                       |
|                                 | Product Width                | 2.0 in [5.2 cm]                                       |
|                                 | Product Height               | 0.5 in [1.4 cm]                                       |
|                                 | Weight of Product            | 0.5 oz [15.0 g]                                       |
| <b>Packaging Information</b>    |                              |                                                       |
|                                 | Package Quantity             | 1                                                     |
|                                 | Package Length               | 6.9 in [17.4 cm]                                      |
|                                 | Package Width                | 5.6 in [14.3 cm]                                      |

|                           |                  |
|---------------------------|------------------|
| Package Height            | 1.3 in [3.3 cm]  |
| Shipping (Package) Weight | 3.8 oz [108.0 g] |

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#### What's in the Box

|                     |                                        |
|---------------------|----------------------------------------|
| Included in Package | 1 - HDMI Signal Booster                |
|                     | 1 - 1 ft [30 cm] Micro USB Power Cable |
|                     | 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.***