

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

Hardware

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

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
Connector(s)		
	Connector A	1 - HDMI (19 pin)
	Connector B	1 - HDMI (19 pin)
Power		
	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
Environmental		
	Operating Temperature	0C to 70C (32F to 158F)
	Storage Temperature	-10C to 80C (14F to 176F)
	Humidity	5% to 90% RH
Physical Characteristics		
	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]
Packaging Information		
	Package Quantity	1
	Package Length	6.9 in [17.4 cm]
	Package Width	5.6 in [14.3 cm]

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