HDMI Signal Booster - HDMI Extender - 4K 60Hz

Product ID: HDBOOST4K

This 4K HDMI signal booster lets you increase the signal strength of your HDMI video source so it can travel greater distances using standard HDMI cables. You can achieve resolutions up to 4K at 60Hz at distances of up to 30 ft. (10 m), and depending on your desired resolution, the booster supports distances up to 115 ft. (35 m) away at 1080p 60Hz resolution.

To install the booster, place it between two HDMI cables. Reference the table below for supported resolutions and cable lengths.

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 feet. Using this HDMI signal booster ensures that HDMI 2.0 resolutions up to UHD 4K at 60Hz are available even at distances up to 30 ft. (10 m).

You can achieve even longer distances at lower resolutions -- up to 4K at 30Hz, at up to 82 ft. (25 m), and 1080p at 60Hz at up to 115 ft. (35 m).

With its small form factor design and no external power adapter, the HDMI booster is easy to hide, for a discreet installation. By extending your video signal using standard HDMI cables, the 4K booster is a cost-effective alternative to more expensive extension systems that require the installation of a CAT5 or CAT6 cabling infrastructure.

The booster makes it easy to adjust your HDMI signal strength based on the distance of your cables, with equalization adjustment buttons. This means that you can adjust the amplification of your HDMI signal, to ensure your signal will be flawless.

Support for a variety of extension distances makes the booster 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.

Note: To achieve resolutions up to 4K60, your video source, display and cabling must support HDMI 2.0.

The HDBOOST4K is TAA compliant and backed by a 2-year StarTech.com warranty with free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Avoid the time and expense of running network cabling to extend video signals, using this booster with standard HDMI cables

• Boost the signal strength of your HDMI video signals for classroom, office or boardroom displays

Features

• Astonishing picture quality with support for 4K (60Hz) at up to 30 ft. (10 m) away from your video source

• Backward compatible with 1080p resolutions at up to 115 ft. (35 m) away from your video source

• Discreet installation with no external power adapter required

• Works at varying distances up to 115 ft. (35 m) with a built-in equalization switch

• Works with two standard HDMI cables

• Supports HDCP 2.2

• Supports 7.1 surround sound audio

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

Performance		
	Maximum Cable Length	114.8 ft [35 m]
	Max Distance	35 m / 115 ft
	Maximum Digital	At 10 m

Resolutions		
	Up to 4K at 60Hz	
	At 25 m	
	Up to 4K at 30Hz	
	At 35 m	
	Up to 1080p	
Supported Resolutions	3840x2160 (4K), 2560x1600, 1920x1200, 1920x1080 (1080p), 1280x720 (720p)	
Wide Screen Supported	Yes	

Connector(s)

Connector A	HDMI (19 pin)
Connector B	HDMI (19 pin)

Indicators

LED Indicators	Power LED

Power

Power Source	USB-Powered

Environmental

Operating Temperature	0C to 35C (32F to 95F)
Storage Temperature	-5C to 40C (23F to 104F)
Humidity	20C to 80C (68F to 176F)

Physical Characteristics

Color	Black
Product Length	2.2 in [56 mm]
Product Width	1.8 in [46 mm]
Product Height	0.6 in [15 mm]
Weight of Product	5.3 oz [150 g]

Packaging Information

	Package Length	6.2 in [15.7 cm]
	Package Width	4.0 in [10.1 cm]
	Package Height	1.8 in [46 mm]
	Shipping (Package) Weight	6.0 oz [170 g]

What's in the Box

	Included in Package	HDMI signal booster
		5 ft [1.5 m] USB power cable

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