

DisplayPort Signal Booster - DP Extender - 4K 60Hz

StarTech ID: DPBOOST



This DisplayPort signal booster lets you increase the signal strength of your DP video source using standard DisplayPort cables. You can achieve resolutions up to 4K at 60Hz, and depending on your desired resolution, the booster supports varying distances up to 65 ft. (20 m) away at 1080p 60Hz resolution. For inline installations, you can place the booster between two DisplayPort cables, up to 50 ft. in length at the video input, and up to 15 ft. in length at the video output.

Maintains Ultra HD 4K video signals

When extending DisplayPort over long distances using standard video cabling, higher resolutions can become unavailable. Using the DP signal booster ensures that you can depend on UHD resolutions up to 4K at 60Hz at up to 22 ft. (7 m). You can achieve even greater distances with lower resolution support -- up to 4K at 30Hz, at up to 42 ft. (13 m), and 1080p at 60Hz at up to 65 ft. (20 m).

Easy and discreet installation

With its small form factor, the DisplayPort booster is easy to hide, for a discreet installation. It includes mounting hardware, so installing it is hassle-free. By extending your video signal using standard DP cables, the DisplayPort booster is a cost-effective alternative to more expensive extension systems that require the installation of a CAT5 or CAT6 cabling infrastructure.

Compatible with varying distances

The booster makes it easy to adjust your DisplayPort signal strength based on the distance of your cables, with equalization adjustment buttons. This means that you can adjust the amplification of your DisplayPort signal, to ensure your DisplayPort signal will be flawless even at distances up to 65 ft. (20 m). Support for varying 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.

The DPBOOST is backed by a 2-year StarTech.com warranty and free lifetime technical support.

Applications

- Avoid the time and expense of running network cabling to extend video signals, using this booster with standard DisplayPort cables
- Boost the signal strength of your DisplayPort video signals for classroom, office or boardroom displays

Features

- Discreet installation with a small form factor
- Works at varying distances up to 65 ft. with a built-in equalization switch
- Astonishing picture quality with support for 4K (30Hz) at up to 42 ft. away from your video source
- Backward compatible with 1080p resolutions at up to 65 ft. away from your video source
- Supports 7.1 surround sound audio
- Mounting hardware included

Technical Specifications

Warranty	2 Years
Audio	Yes
Cabling	DisplayPort
Rack-Mountable	Yes
Max Distance	20 m / 66 ft
Maximum Cable Length	20 m [65.6 ft]
Maximum Digital Resolutions	At 7 m Up to 4K at 60Hz
	At 13 m Up to 4K at 30Hz
	At 15m Up to 2560x1600 at 60Hz
	At 20 m Up to 1080p
Supported Resolutions	3840x2160 (4K), 2560x1600, 1920x1200, 1920x1080 (1080p), 1280x720 (720p)
Wide Screen Supported	Yes
Center Tip Polarity	Positive
Input Current	0.3A
Input Voltage	100 ~ 240 AC
Output Current	1 A
Output Voltage	5 DC
Power Source	AC Adapter Included
Product Height	21 mm [0.8 in]
Product Length	80 mm [3.1 in]
Product Weight	152 g [5.4 oz]
Product Width	50 mm [2 in]
Shipping (Package) Weight	0.4 kg [0.9 lb]
Included in Package	1 - DisplayPort signal booster
Included in Package	1 - power adapter
Included in Package	1 - USB power cable
Included in Package	4 - rubber feet

Certifications, Reports and Compatibility

