



# StarTech DP2HDMI DisplayPort to HDMI Adapter Specifications and Datasheet

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**StarTech DP2HDMI DisplayPort to HDMI Adapter**



## Introduction

DisplayPort to HDMI Adapter – DP to HDMI Adapter/Video Converter – 1080p – VESA Certified – DP to HDMI Monitor/Display/Projector Adapter Dongle – Passive – Latching DP Connector

With the StarTech DP2HDMI DisplayPort to HDMI Adapter, you can find the ideal way to connect your DisplayPort and HDMI devices. The purpose of this adapter is to easily link a DisplayPort video source, like DisplayPort video cards, to an HDMI-capable video display. It is robust and multipurpose. It gracefully removes the requirement and financial burden of updating your monitor to be DisplayPort compatible.

More than just a connector, the StarTech DP2HDMI converter opens the door to better visual experiences. You may take full advantage of HDMI video capabilities because it enables high-definition display resolutions up to 1920×1200 (1080p). This adapter guarantees that your visual information is presented with remarkable clarity and detail whether you're setting up a digital entertainment centre, a dynamic home office, a formal corporate conference room, or an eye-catching trade fair display.

## Product ID: DP2HDMI

- The StarTech.com DisplayPort to HDMI adapter lets you connect an HDMI-enabled video display to a DisplayPort video source (e.g. DisplayPort video cards, etc.), eliminating the expense of having to upgrade your display for DisplayPort compatibility.
- This adapter supports display resolutions of up to 1920×1200 allowing you to take full advantage of HDMI video capability.
- DP2HDMI is a passive adapter cable that requires a DP++ port (DisplayPort++), meaning that DVI and HDMI signals can also be passed through the port.
- This adapter allows for audio pass-through if supported by the video source. Please review the video source manual to confirm support.
- Backed by a StarTech.com 3-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Ideal for digital entertainment centres, home offices, business conference rooms and trade show displays
- Keep your existing HDMI-enabled monitor to be used with your new DisplayPort device
- Ideal for using your HDMI monitor as a secondary display

## Features

- **HOST COMPATIBILITY:** Tested for compatibility with DP++ source; Passive converter supports DP++ source connector incl workstations, desktops (AMD/Nvidia video cards), laptops, small form factor computers & docking stations; Tested w/ HDMI cables up to 35'
- **PERFORMANCE:** DisplayPort 1.2 to HDMI adapter connects a DP desktop or laptop to an HDMI monitor or display; Supports HD 1920×1200 (1080p) video, 7.1ch Audio, HDCP 1.4 5in (13cm) attached cable; VESA DisplayPort certified
- **CONNECT A PRIMARY OR SECONDARY DISPLAY:** Connect an HDMI monitor, projector or TV, or add a second display to your workstation; The Portable small form factor design makes it easy to carry between the home office and office
- **LATCHING DISPLAYPORT CONNECTOR:** The DP to HDMI adapter dongle features a latching DP connector to prevent accidental disconnection from the host DP port; It Features Electromagnetic Interference (EMI) shielding to protect from line noise/distortion
- **EASY TO USE:** With no software or drivers required, the DisplayPort to HDMI video adapter is OS-independent; DP male to HDMI female

## Hardware

- **Warranty:** 3 Years
- **Active or Passive Adapter:** Passive
- **AV Input:** DisplayPort – 1.2
- **AV Output:** HDMI
- **Audio:** Yes
- **Chipset ID:** Parade Technologies Inc. PS8121E

## Performance

- **Maximum Cable Distance to Display:** 49.9 ft [15.2 m]
- **Maximum Digital Resolutions:** 1920×1200 / 1080p
- **Audio Specifications:** HDMI – 7.1 Channel Audio

## Connector(s)

- **Connector A:** 1 – DisplayPort (20 pin)
- **Connector B:** 1 – HDMI (19 pin)

## Special Notes / Requirements

- **System and Cable Requirements:** DP++ port (DisplayPort ++ ) required on video card or video source (DVI and HDMI pass-through must be supported)

## Environmental

- **Operating Temperature:** 0°C to 40°C (32°F to 108°F)
- **Storage Temperature:** -20°C to 60°C (-4°F to 140°F)
- **Humidity:** 0%-80%

## Physical Characteristics

- **Colour:** Black
- **Cable Length:** 5.0 in [127 mm]
- **Product Length:** 9.4 in [24.0 cm]
- **Product Width:** 0.5 in [1.2 cm]
- **Product Height:** 0.8 in [2.0 cm]
- **Weight of Product:** 1.8 oz [50.0 g]

## Packaging Information

- **Package Quantity:** 1
- **Package Length:** 8.7 in [22.0 cm]
- **Package Width:** 7.9 in [20.0 cm]
- **Package Height:** 0.6 in [1.4 cm]
- **Shipping (Package) Weight:** 2.1 oz [59.0 g]

## What's in the Box

- **Included in Package:** 1 – DisplayPort to HDMI Adapter

Product appearance and specifications are subject to change without notice.

## Frequently Asked Questions

What is the main function of the StarTech DP2HDMI adapter?

The StarTech DP2HDMI adapter allows you to connect an HDMI-enabled display to a DisplayPort video source, such as DisplayPort video cards, without the need to upgrade your display for DisplayPort compatibility.

What resolution does the DP2HDMI adapter support?

It supports display resolutions up to 1920x1200 (1080p), allowing you to take full advantage of HDMI video capability.

Is the DP2HDMI adapter an active or passive adapter?

It is a passive adapter that requires a DP++ port (DisplayPort++) for operation.

Can the DP2HDMI adapter transmit audio?

Yes, it allows for audio pass-through if it is supported by the video source. You should review the video source manual to confirm support.

What warranty does StarTech provide for this adapter?

The adapter is backed by a StarTech.com 3-year warranty and includes free lifetime technical support.

What are the ideal applications for this adapter?

It's ideal for digital entertainment centers, home offices, business conference rooms, trade show displays, and for using an HDMI monitor as a secondary display.

What lengths of HDMI cables is the adapter tested with?

The adapter has been tested with HDMI cables up to 35 feet in length.

What are the physical dimensions and weight of the adapter?

The adapter is 9.4 inches in length, 0.5 inches in width, 0.8 inches in height, and weighs 1.8 ounces.

Does this adapter require any drivers or software to be installed?

No, it is easy to use and OS-independent with no software or drivers required.

What environmental conditions is the adapter suited for?

It operates in temperatures from 0°C to 40°C (32°F to 108°F) and can be stored in temperatures from -20°C to 60°C (-4°F to 140°F), with a humidity range of 0%-80%.

Can this adapter be used to connect a primary or secondary display?

Yes, it can be used to connect an HDMI monitor, projector, or TV as a primary or secondary display.

Are there any special requirements for the video card or video source?

A DP++ port (DisplayPort++) is required on the video card or video source, and it must support DVI and HDMI pass-through.

Reference: [StarTech DP2HDMI DisplayPort to HDMI Adapter Specifications and Datasheet-Device.Report](#)

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## References

- [User Manual](#)

Manuals+.