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StarTech.com DP2DVI2

StarTech.com DisplayPort to DVI-D Adapter (DP2DVI2) Instruction Manual

Model: DP2DVI2

1. INTRODUCTION

This manual provides instructions for the StarTech.com DisplayPort to DVI-D Adapter, model DP2DVI2. This adapter allows you to connect a DVI-D monitor to a DisplayPort-enabled computer or device. It is a passive video converter designed for ease of use and portability.



Image 1.1: The DisplayPort to DVI-D adapter connecting a computer to a monitor.

Key Features:

- DisplayPort 1.2 HBR2 to DVI-D (digital only) single-link adapter.
- Supports resolutions up to 1920x1200 or 1080p at 60Hz.
- HDCP 1.4 compliant.
- Features a 6-inch (15cm) attached cable for added flexibility.
- Passive video converter, requiring a DisplayPort++ (DP++) port on the source device.
- Includes a latching DisplayPort connector for secure connection and supports DVI screw-locking cables to prevent accidental disconnection.
- Plug-and-play functionality, requiring no software or driver installation.

Designed for Hassle-Free Connectivity & Portability



Easily fits inside your
laptop bag or backpack



No drivers required



Supports use of legacy DVI monitors

Image 1.2: The compact adapter fits easily into a laptop bag, highlighting its portability.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- 1 x StarTech.com DisplayPort to DVI-D Adapter (DP2DVI2)

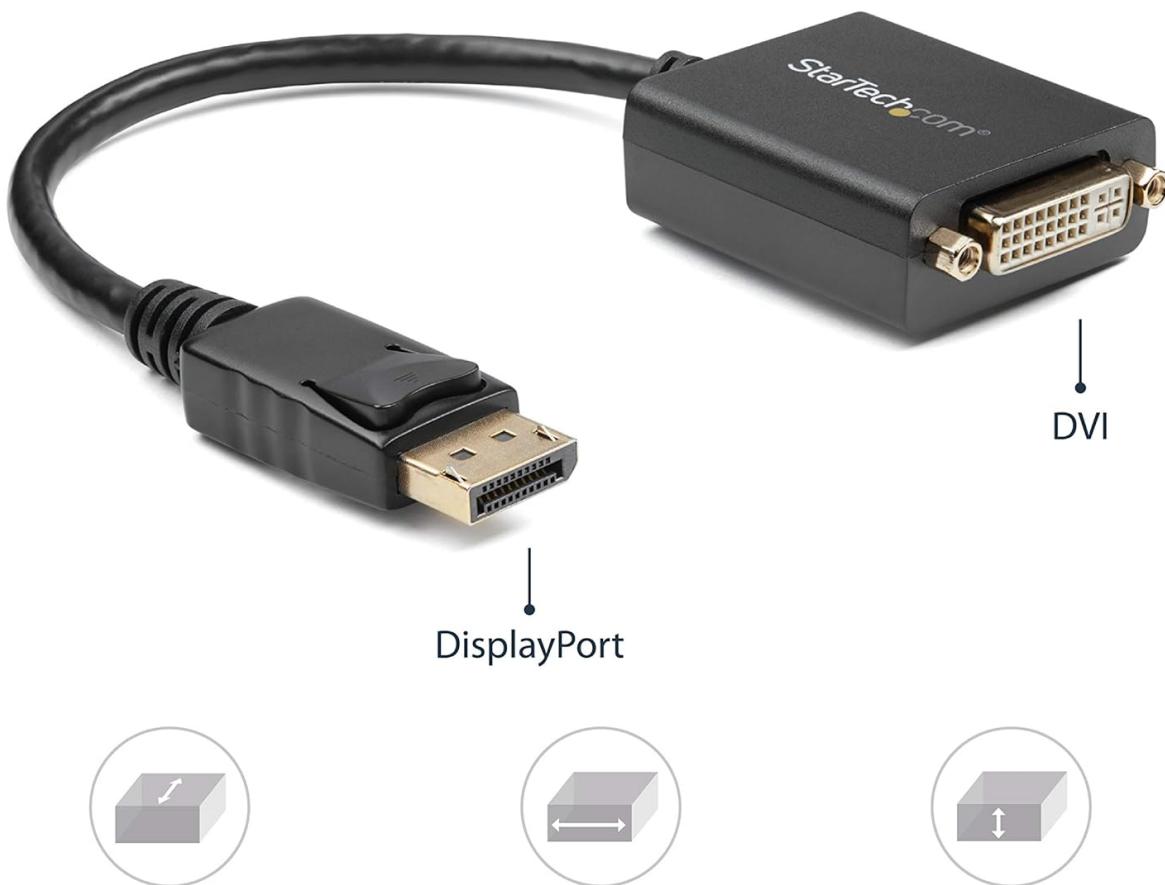


Image 2.1: The adapter shown in its retail packaging, displaying product information and warranty details.

3. PRODUCT DIAGRAM

The following diagram illustrates the connectors on the DisplayPort to DVI-D adapter.

Simple Connectivity



Length: 10"(25.4 cm)

Width: 1.7" (4.2 cm)

Height: 0.7" (1.9 cm)

*Total product length includes cable. Width and Height are measured at their maximum.

Image 3.1: A detailed view of the adapter, highlighting the DisplayPort (male) and DVI (female) connectors.

4. SETUP INSTRUCTIONS

Connecting the Adapter

Follow these steps to connect your DisplayPort-enabled device to a DVI monitor:

1. Connect the DisplayPort male connector of the adapter to the DisplayPort output on your computer or video source. Ensure the latching connector is securely engaged.
2. Connect a DVI-D cable (not included) from your DVI monitor to the DVI-D female port on the adapter. If your DVI cable has screw locks, secure them to the adapter for a stable connection.
3. Power on your computer and monitor. The display should automatically detect the signal.



Lightweight Design



Plug & Play



HD 1080p Resolution

DisplayPort to DVI Video Adapter

Connect a DVI Monitor to Your
DisplayPort™ Equipped PC

Image 4.1: An illustration of the adapter connecting a desktop computer's DisplayPort to a DVI monitor.

5. OPERATING INSTRUCTIONS

Display Configuration

Once connected, your operating system should automatically detect the DVI monitor. You can configure display settings such as resolution, extended desktop, or duplicate display through your computer's display settings.

- **Windows:** Right-click on the desktop and select "Display settings" or "Screen resolution."
- **macOS:** Go to "System Preferences" > "Displays."

Supported Resolutions

This adapter supports PC resolutions up to 1920x1200 and HDTV resolutions up to 1080p at 60Hz.

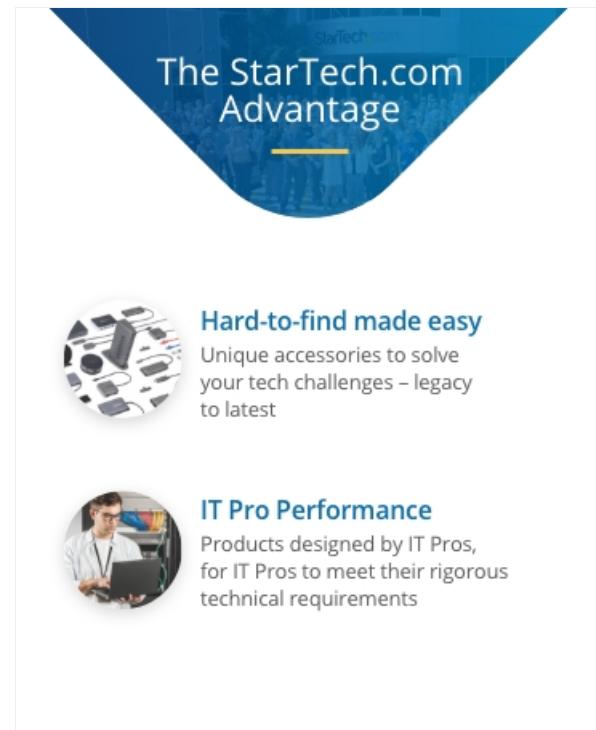


Image 5.1: A visual representation of the adapter providing a clear, high-definition picture on a large display.

6. TROUBLESHOOTING

No Display Signal

- **Verify Connections:** Ensure all cables (DisplayPort, DVI, and power for both devices) are securely connected.
- **Source Compatibility:** Confirm your computer's DisplayPort supports DP++ (DisplayPort++), as this is a passive adapter. Active adapters are required for DisplayPort sources that do not support DP++.
- **Monitor Input:** Check that your monitor is set to the correct DVI input source.
- **Resolution:** Try a lower resolution on your computer if the monitor does not display an image. The monitor might not support the current output resolution.
- **Cable Length:** Ensure the DVI cable length does not exceed 25 feet (7.6 meters), as longer cables can degrade signal quality.

Image Quality Issues

- **Cable Quality:** Use a high-quality DVI-D cable to ensure optimal signal transmission.
- **Resolution Mismatch:** Adjust the display resolution on your computer to match your monitor's native resolution for the clearest picture.

7. SPECIFICATIONS

Brand	StarTech.com
Model Name	DisplayPort to DVI Video Adapter Converter (DP2DVI2)
Connector Type	DisplayPort Male to DVI-D Female
Cable Type	DVI, DisplayPort
Supported Resolutions	Up to 1920x1200 / 1080p at 60Hz

HDCP Support	Yes (HDCP 1.4)
Cable Length	6 inches (15 cm) attached cable
Color	Black
Item Weight	1.51 ounces (0.04 Kilograms)
Product Dimensions	10 x 1.7 x 0.7 inches (25.4 x 4.3 x 1.8 cm)
Passive Adapter	Requires DP++ port

8. WARRANTY AND SUPPORT

This StarTech.com product is backed by a 3-year warranty. For technical support, troubleshooting, and additional resources, please visit the official StarTech.com website or contact their customer service.

For more information, you can visit the product page:<http://startech.com/q/DP2DVI2>

Your browser does not support the video tag.

Video 8.1: An official product video from StarTech.com demonstrating the features and use of the DisplayPort to DVI-D adapter.