

StarTech.com MDP2DVIS

StarTech.com MDP2DVIS Mini DisplayPort to DVI Adapter Instruction Manual

Model: MDP2DVIS

INTRODUCTION

This manual provides instructions for the StarTech.com MDP2DVIS Mini DisplayPort to DVI Active Adapter. This adapter allows you to connect a Mini DisplayPort (mDP) enabled source device, such as a computer or laptop, to a DVI-D display, monitor, or projector. It supports resolutions up to 1920x1200 (1080p) at 60Hz.

The MDP2DVIS is an active adapter, which means it performs signal conversion, making it compatible with graphics cards that do not output multi-mode DP++ signals, such as those used in ATI Eyefinity setups. It is also compatible with Intel Thunderbolt 1 and 2 ports that support DisplayPort output.

PRODUCT FEATURES

- **Active Conversion:** Converts Mini DisplayPort 1.2 (HBR2) to DVI-D (digital only) single-link.
- **High Resolution Support:** Supports video resolutions up to 1920x1200 (1080p) at 60Hz.
- **EDID/DDC Pass-through:** Ensures compatibility between the source device and the display.
- **Wide Host Compatibility:** Works with mDP/mDP++ sources including Thunderbolt 1 & 2 MacBooks, MacBook Air, Mac Mini, Microsoft Surface Pro 1-6, desktops (AMD FirePro/NVIDIA Quadro), laptops, mini ITX computers, Intel NUC, and docking stations.
- **Screw Locking DVI:** Features a DVI connector with screw locks to prevent accidental disconnections.
- **Plug and Play:** No software or drivers required for operation; compatible with Windows, Ubuntu, and macOS.
- **Compact Design:** Features a 5.7 inch (15 cm) attached cable for portability.

SETUP INSTRUCTIONS

Follow these steps to connect your Mini DisplayPort source to a DVI display:

1. Ensure both your source device (e.g., computer) and your DVI display are powered off.
2. Locate the Mini DisplayPort output on your source device.
3. Connect the Mini DisplayPort end of the MDP2DVIS adapter to the Mini DisplayPort output on your source device.



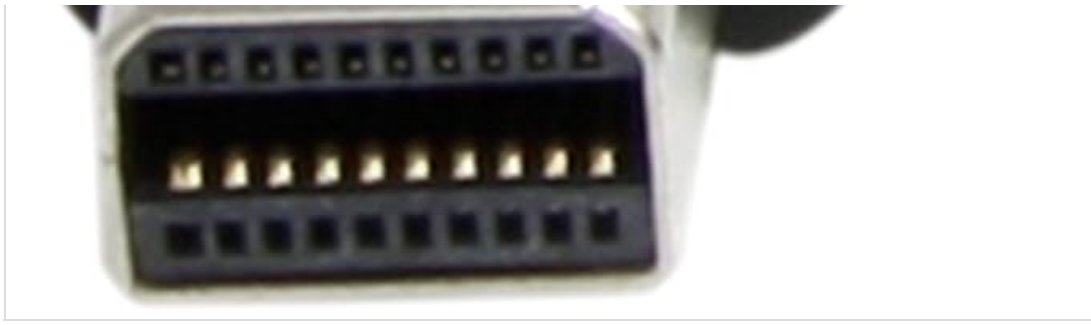


Figure 1: Mini DisplayPort Connector

This image shows the Mini DisplayPort (mDP) male connector of the adapter, which connects to your source device's mDP output.

4. Connect a DVI-D cable (not included) from your DVI display to the DVI-D female port on the MDP2DVIS adapter.



Figure 2: DVI-D Connector

This image displays the DVI-D female port on the adapter, featuring screw locks for secure cable connection. The DVI-D cable from your monitor connects here.

5. If your DVI cable supports screw locking, tighten the screws on the DVI connector to secure the connection.
6. Power on your DVI display, then power on your source device.
7. The display should automatically detect the signal. If not, you may need to select the correct input source on your DVI display or adjust display settings on your source device.

Note: This adapter is plug-and-play and does not require additional drivers for most operating systems.

OPERATING INSTRUCTIONS

Once connected, the StarTech.com MDP2DVIS adapter functions as a transparent link between your Mini DisplayPort source and DVI display.

- **Display Modes:** Your operating system's display settings will allow you to configure the connected DVI display for various modes, such as extended desktop, mirrored display, or primary display.
- **Resolution:** The adapter supports resolutions up to 1920x1200 (1080p) at 60Hz. Ensure your source device and DVI display are configured to a supported resolution for optimal performance.
- **Audio:** This adapter transmits video signals only. For audio, a separate audio cable connection from your source device to your display or speakers is required.

MAINTENANCE

The MDP2DVIS adapter requires minimal maintenance.

- **Cleaning:** Use a soft, dry cloth to clean the adapter. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid bending the cable sharply or applying excessive force to the connectors.

TROUBLESHOOTING

If you encounter issues with your MDP2DVIS adapter, refer to the following common troubleshooting steps:

- **No Display/Signal:**
 - Ensure all cables (Mini DisplayPort, DVI) are securely connected to both the source device, the adapter, and the display.
 - Verify that the DVI display is powered on and set to the correct input source.
 - Test the adapter with a different DVI cable or display, if available, to rule out cable or display issues.
 - Restart your source device.
 - Confirm your source device's graphics card drivers are up to date.
- **Flickering or Intermittent Display:**
 - Check for loose cable connections, especially the DVI screw locks.
 - Reduce the display resolution on your source device to see if the issue persists.
 - Ensure the DVI cable used is of good quality and supports the desired resolution.
- **Incorrect Resolution or Aspect Ratio:**
 - Adjust the display settings within your operating system (e.g., Windows Display Settings, macOS System Preferences > Displays) to select the optimal resolution for your DVI display.
 - Ensure your display supports the selected resolution.
- **"Snow" or Corrupted Colors (Mac Mini specific, as per review):**
 - If experiencing "snow" or corrupted colors upon waking from sleep, try disconnecting and reconnecting the adapter from the source device.
 - Consider adjusting power management settings on your source device to prevent the display from going to sleep, or manually turn off the monitor.

SPECIFICATIONS

Model Number	MDP2DVIS
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Connector A	1x Mini DisplayPort (20 pin) Male
Connector B	1x DVI-D (25 pin) Female
Max Resolution	1920x1200 (1080p) @ 60Hz
Cable Length	5.7 inches (15 cm)
Product Dimensions (L x W x H)	20 x 4.4 x 2 inches (approximate, based on packaging)
Item Weight	1.34 ounces
Color	Black
Manufacturer	StarTech.com

Note: Specifications are subject to change without notice.

WARRANTY AND SUPPORT

The StarTech.com MDP2DVIS adapter is backed by a **2-year warranty** and **free lifetime technical support**. For product support, technical assistance, or warranty claims, please visit the official StarTech.com website or contact their customer service.

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