



# StarTech VSEDIDDVI DVI DDC EDID Ghosting Emulator Instruction Manual

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StarTech VSEDIDDVI DVI DDC EDID Ghosting Emulator



## Packaging Contents

- 1 x DVI EDID Emulator
- 1 x USB to DC Power Cable
- 1 x Pack, Rubber Feet
- 1 x Instruction Manual

## System Requirements

- DVI-D enabled display device (i.e. monitor, projector, etc.)
- DVI-D enabled video source (i.e. computer)
- Available USB port on video source (during Copy only)
- DVI-D video cable (from video source)
- DVI-D video cable (to display)

## Installation

EDID information contains important display settings such as maximum image size, color characteristics, factory pre-set timings, frequency range limits, etc., and since most video extender systems don't offer EDID communication between the source and remote display, the DVI EDID Emulator is a perfect workaround for ensuring the optimum signal is provided to the display to help prolong the life of your displays.

### EDID Copy

To clone/copy the EDID from a display.

1. Set the rotary dial to position 1.
2. Connect the USB to DC power cable from the unit, to an available USB port on the video source device (may need to be powered on) or display device. The Status LED will light up blue.
3. Connect the EDID compliant display device to the Monitor port on the EDID Emulator using the appropriate type of DVI cable (DVI-D, dual or single link). Power on the display device.
4. Press and hold the EDID PROGRAM button until the Status LED starts to flash green. The LED will flash green/red while copying.

5. Once the Status LED returns to blue, the EDID Copy has completed successfully.

## Preset EDID Emulation

If you are unable to clone the EDID from a display device, or are using non-EDID compliant displays, basic preset EDIDs built into the EDID Emulator can be used.

1. Set the rotary dial to the position for the maximum resolution you wish to set.

## Position Description

1. Pass through
  2. EDID Copy
  3. 1024 x 768
  4. 1280 x 720
  5. 280 x 1024
  6. 1366 x 768
  7. 1440 x 900
  8. 1600 x 900
  9. 1600 x 1200
  10. 1680 x 1050
- **A** 1920 x 1080
  - **B** 1920 x 1200
  - **C** 1920 x 1440
  - **D** 2048 x 1152
  - **E** 2560 x 1440
  - **F** 2560 x 1600



1. Make sure the display device and video source are powered off.
2. Connect both ends of the EDID Emulator using the appropriate type of DVI cable (DVI-D, dual or single link). Connect the “Monitor” connector towards the display device (e.g. monitor), and the “Video In” connector towards the video source device (e.g. computer). The same type of DVI cable should be used at both ends to ensure compatibility/ reliability.
3. Power on the display device, followed by the video source device. The video source device should be able to read the preset EDID from the EDID Emulator and configure itself appropriately. OPTIONAL: Some video cards may not pass enough power through the DVI cable for the EDID Emulator to work properly/reliably. In such cases, connect the included power adapter cable from the EDID Emulator to an available USB port on the

video source or display.

## Specifications

- **Input Video Signal** DVI-D (digital)
- **Output Video Signal** DVI-D (digital)
- **Connectors** 2 x 29-pin DVI-I dual link female 1 x DC Power
- **LEDs** 1 x Status
- **Maximum Video**
- **Resolution** 2560 x 1600
- **Power Adapter Optional:** 5V DC to USB
- **Enclosure Material** Metal
- **Operating Temperature** 0°C ~ 40°C (32°F ~ 104°F)
- **Storage Temperature** -20°C ~ 60°C (-4°F ~ 140°F)
- **Humidity** 0% ~ 80% RH
- **Dimensions** 80.0mm x 52.0mm x 22.0mm
- **Weight** 123g

## FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

## Industry Canada Statement

- This Class A digital apparatus complies with Canadian ICES-003.
- Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.
- CAN ICES-3 (A)/NMB-3(A)
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- For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)


## Warranty Information

- This product is backed by a two-year warranty.
- StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair or replacement with equivalent products at our discretion.
- The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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- If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

## Documents / Resources

	<p><a href="#">StarTech VSEDIDDDVI DVI DDC EDID Ghosting Emulator</a> [pdf] Instruction Manual VSEDIDDDVI DVI DDC EDID Ghosting Emulator, VSEDIDDDVI, DVI DDC EDID Ghosting Emulator, Ghosting Emulator</p>
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## References

- [Unsere Produkte dienen IT- und A/V-Profis zum Verbinden, Konvertieren, Erweitern, Splitten und Switchen | Deutschland](#)

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