Emulates a DVI display by providing Hot Plug Detect and EDID to the DVI source

- Emulates a DVI display (sink device) by providing Hot Plug Detect and EDID to the DVI source device from the emulator's internal memory.
- Supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA).
  - Dual link resolutions up to 2560x1600 (WQXGA) supported – requires EDID-REC-VDH EDID Recorder (sold separately) to program dual link resolutions to the emulator.
- Supports Emulation and Learning modes.
  - Emulation mode: provides EDID to the DVI source device from the emulator's internal memory.
    - Supports headless operation – no monitor attached to source.
    - The selectable resolutions are dependent on the computer's graphic card.
    - Only DVI-EDID-EMLTR-LC is necessary for this function.
  - **Learning mode requires EDID-REC-VDH EDID Recorder (sold separately)**: store a display's EDID for later use.
- Pre-programmed with many standard resolutions with native set to 1920x1080@60Hz.
  - Requires EDID-REC-VDH EDID Recorder (sold separately) to program other resolutions to the emulator.
  - LED indicators provide signal status information.
- Ideal for resolving signal handshaking problems between a source and a display, and for remote desktop access to a headless computer.
  - Ensures that the EDID is not lost in connections between devices such as switches, splitters, and extenders.

DVI-EDID-EMLTR-LC (Front & Back)

The DVI-EDID-EMLTR-LC Low-Cost DVI EDID Emulator simulates the presence of an attached DVI display to a DVI video source. The built-in EDID table stores and reproduces resolutions up to 1920x1200 (WUXGA) and 1080p at 60Hz. When used with EDID-REC-VDH EDID Recorder (sold separately), the EDID of a desired DVI display will be copied and stored to the emulator.

- **Headless operation**
- **Video pass-through**
- **Video Resolutions to 1080p/WUXGA/WQXGA**

DVI-EDID-EMLTR-LC Emulator Specifications

- One female DVI-D dual link connector for display connection.
- One male DVI-D dual link connector for source connection.
- Resolutions stored in internal memory:
  - 640x480 @60/67/72/75 Hz
  - 720x400 @70 Hz
  - 800x600 @56/60/72/75 Hz
  - 832x624 @75 Hz
  - 1024x768 @ 60/70/75 Hz
  - 1152x864 @75 Hz
  - 1152x870 @75 Hz
  - 1280x720 @60 Hz
  - 1280x960 @60 Hz
  - 1280x1024 @60/75 Hz
  - 1440x900 @60 Hz
  - 1600x1200 @60 Hz
  - 1680x1050 @60 Hz
  - 1920x1080 @60 Hz (Default)
  - 1920x1200 @60 Hz
  - **To program other resolutions, use EDID-REC-VDH EDID Recorder (sold separately)**
- Signal type: supports single link and dual link digital DVI.
  - Pre-programmed with single link resolutions to 1920x1200.
  - Dual link resolutions up to 2560x1600@60Hz supported – requires EDID-REC-VDH EDID Recorder (sold separately) to program dual link resolutions to the emulator.

Power
- Powered by video source.

Dimensions
- WxDxH: 1.54x2.16x0.59 in (39x55x15 mm)).

Environmental
- Operating temperature: 32 to 122°F (0 to 50°C).

Regulatory Approvals
- CE, FCC, RoHS
- TAA compliant

Warranty
- Two years

Emulates a DVI display by providing Hot Plug Detect and EDID to the DVI source

EDID-REC-VDH Recorder Specifications

EDID-REC-VDH (Front & Back)

- For use with NTI's Low-Cost DVI and VGA EDID Emulators (DVI-EDID-EMLTR-LC and VGA-EDID-EMLTR-LC) to copy and store the EDID of a desired display onto the emulator.
- LED indicators provide signal status information.

Connectors
- One female DVI-D connector for DVI-EDID-EMLTR-LC.
- One female 15-pin HD connector for VGA-EDID-EMLTR-LC.
- One female HDMI connector – not supported at this time.

Power
- Input: 110 or 220 VAC at 50 or 60 Hz via AC adapter (included).
- Output: 5VDC, 2A

Dimensions
- WxDxH: 1.97x2.9x0.88 in (50x74x22 mm)

Regulatory Approvals
- CE, FCC, RoHS
- TAA compliant

Warranty
- Two years

Low-Cost DVI EDID Emulator	
NTI Part #	Description
DVI-EDID-EMLTR-LC	Low-Cost DVI EDID Emulator
EDID-REC-VDH	EDID Recorder for DVI-EDID-EMLTR-LC

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