

### Emulates a VGA display by providing EDID to the VGA source

- Emulates a VGA display (sink device) by providing EDID to the VGA source device from the emulator's internal memory.
- Supports HDTV resolutions to 1080p, and up to 1920x1200 (WUXGA).
- Supports Emulation and Learning modes.
  - Emulation mode: provides EDID to the VGA 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 graphics card.
    - ◆ Only VGA-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 1280x720@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.



**EDID-REC-VDH (Front & Back)**



**VGA-EDID-EMLTR-LC (Front & Back)**

The VGA-EDID-EMLTR-LC Low-Cost VGA EDID Emulator simulates the presence of an attached VGA display to a VGA 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 VGA display will be copied and stored to the emulator.

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

### VGA-EDID-EMLTR-LC Emulator Specifications

- One female 15-pin HD connector for display connection.
- One male 15-pin HD 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 (Default)
  - 1280x960 @60 Hz
  - 1280x1024 @60/75 Hz
  - 1440x900 @60 Hz
  - 1600x1200 @60 Hz
  - 1680x1050 @60 Hz
  - 1920x1080 @60 Hz
  - 1920x1200 @60 Hz
- **To program other resolutions, use EDID-REC-VDH EDID Recorder (sold separately)**

#### Power

- Powered by video source.
- Optional 110 to 220 VAC at 50 or 60 Hz via 5VDC AC adapter (not included).

#### Dimensions

- WxDxH: 1.31x2.32x0.69 in (33x59x11 mm).

#### Environmental

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

#### Regulatory Approvals

- CE, FCC, RoHS
- TAA compliant

#### Warranty

- Two years

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### EDID-REC-VDH Recorder Specifications

- For use with NTI's Low-Cost VGA and DVI EDID Emulators (VGA-EDID-EMLTR-LC and DVI-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 15-pin HD connector for VGA-EDID-EMLTR-LC.
- One female DVI-D connector for DVI-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 VGA EDID Emulator	
NTI Part #	Description
VGA-EDID-EMLTR-LC	Low-Cost VGA EDID Emulator
EDID-REC-VDH	EDID Recorder for VGA-EDID-EMLTR-LC