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.

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
Emulates a VGA display by providing EDID to the VGA source

**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

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<th>Low-Cost VGA EDID Emulator</th>
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<td><strong>NTI Part #</strong></td>
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<td>VGA-EDID-EMLTR-LC</td>
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