

GF-EDD-HD



HDMI 2.1 EDID Detective

User Manual

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Important Safety Instructions

GENERAL SAFETY INFORMATION

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this product near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install or place this product near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. To reduce the risk of electric shock and/or damage to this product, never handle or touch this unit or power cord if your hands are wet or damp. Do not expose this product to rain or moisture.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Batteries that may be included with this product and/or accessories should never be exposed to open flame or excessive heat. Always dispose of used batteries according to the instructions.

Contacting Gefen Technical Support

Technical Support

1-760-438-7000

Monday - Friday, 5:00 a.m. to 4:00 p.m. PST

Email

support@gefen.com

Web

<http://www.niceforyou.com>

Mailing Address

Nice North America LLC

c/o Customer Service

5919 Sea Otter Place, Suite 100

Carlsbad, CA 92010 USA

Warranty Information

For the latest warranty coverage information, refer to the Warranty and Return Policy under the Warranty section of the Nice website at <http://www.niceforyou.com/na/warranty-and-returns>.

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- lwIP
- jQuery

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Features & Specifications

GF-EDD-HD

- Supports resolutions up to 8K@60Hz 4:2:0 12-bit, 8K@30Hz 4:4:4 12-bit
- HDMI Features Supported:
 - HDMI 2.1
 - HDCP2.2/2.3, HDCP1.x
 - 48Gpbs FRL and 18Gpbs TMDS
 - 8/10/12-bit Deep Color
 - HDR10, HDR10+, Dolby® Vision, HLG
 - VRR, ALLM, QMS, QFT, SBTM
 - DSC pass-through
 - LPCM 7.1 audio, Dolby TrueHD, Dolby Digital® Plus, Dolby Digital Atmos and DTS-HD® Master Audio™, DTS:X
 - 3DTV pass-through
 - Lip-Sync pass-through
 - CEC pass-through
- Supports USB bus power to program EDID from any sink device without video input connected
- USB-C port for advanced programming of features such as EDID management and FW updates
- DDC Re-clocking
- Records the EDID from any display
- 5 pre-programmed Gefen EDID profiles
- 3 user-programmable EDID banks for copying/uploading EDIDs
- Selectable HDCP pass-through via dip switch
- Field updatable firmware via USB port
- Compact and portable
- Write-enable switch: Flip this switch to the "E" position to allow the HDMI EDID Detective to be programmed with an EDID. Set this switch to "D" position to disable programming and prevent accidental erasure of the current EDID.
- HPD remains active (keep source signal active regardless of a cable disconnect on output or display turned off; HPD on TX shall only toggle on a power up.)
- Selectable HDCP Pass-through Modes (via dip switches): Pass-through (Default), Block (HDCP block will prevent HDCP encryption to pass-through on input (TX); HDCP pass-through will be pass-through to allow HDCP encryption.)

Features & Specifications

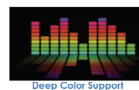
Specifications

Specification	Description
Resolution (max.)	Up to 8K@60Hz 4:2:0 12-bit, 4K@120Hz 4:4:4 12-bit
Maximum Pixel Clock	48Gbps FRL and 18Gbps TMDS
Status Indicator	1 x LED, bi-color (green/red)
Input	1 x HDMI Type-A, 19-pin, Female
Output	1 x HDMI Type-A, 19-pin, Female
Control	1 x USB Type-C, Female (For firmware upgrades and Advanced EDID Mangement)
DIP Switches (front panel)	4 x Piano DIP Switches for pre-programmed EDID selection
Programming Button	1 x Push Button, momentary switch
Write-Protect Switch	1 x 2-Position, slide switch
Power Input	1 x 5V1A DC
Power Consumption	3W (max.)
Dimensions (W x D x H)	3.5 in (90 mm) x 2.8 in (72 mm) x 0.8 in (20 mm)
Unit Weight	180 g (6.3 oz)
Operation Temperature	0° C – 50° C (32° F – 122° F)
Storage Temperature	-20° C – 60° C (-4° F – 140° F)
Relative Humidity	20% – 90% RH (non-condensing)

Package Contents

The GF-EDD-HD HDMI EDID Detective ships with the items listed below. If any of these items are not present in the box when opened, immediately contact your dealer or Gefen.

- 1x HDMI EDID Detective
- 1x 1 meter HDMI Cable M-M
- 1x 5V/1A DC power supply with multi-region support: US, UK, AU, EU
- 1x Quick Start Guide

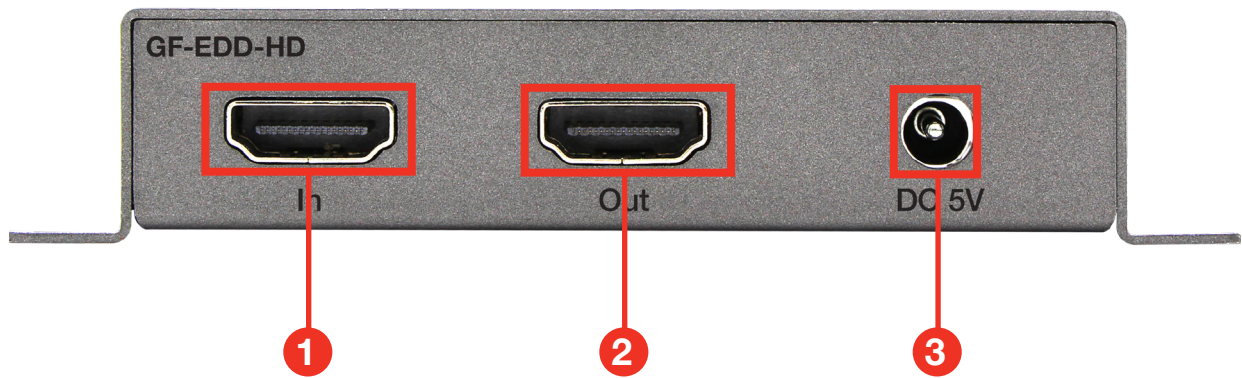


The Gefen GF-EDD-HD HDMI 2.1 EDID Detective ensures consistent and reliable communication between HDMI sources and displays by preserving and emulating EDID data. Supporting up to 8K@60Hz (4:2:0) and 4K@120Hz (4:4:4) resolutions, it prevents video loss or audio issues caused by handshake interruptions. Equipped with DDC re-locking technology, it stabilizes HDCP authentication and signal reliability across long cable runs or complex system configurations. Compact, portable, and powerful, the GF-EDD-HD is an essential tool for professional AV integrators working with next-generation 8K and HDR-capable HDMI systems.

Operating Notes

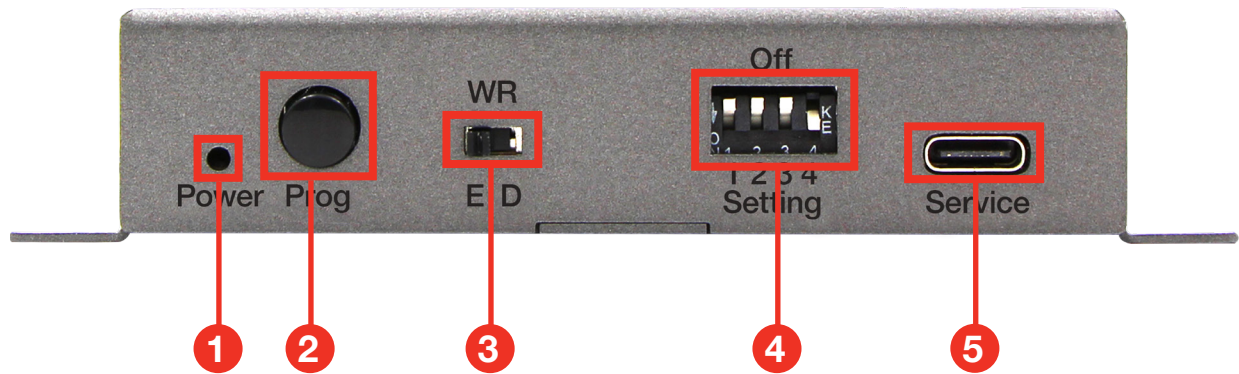
- When connecting an HDMI cable between the source and the HDMI 2.1 EDID Detective, the cable should not exceed 30 feet (10 meters) in length.
- The HDMI cable between the HDMI 2.1 EDID Detective and the display (or other sink device) should not exceed 50 feet (15 meters) in length.
- The HDMI 2.1 EDID Detective comes pre-programmed with 6 default EDID profiles as well as 6 user-programmable EDID banks. If these default EDID profiles are erased or overwritten with other EDID data, the original default EDID profiles cannot be restored.
- Use high-speed HDMI cables. Gefen HDMI 2.1 cables (GEF-CAB-HS-HDMI-XX, sold separately) are recommended for best performance.
- External 5V/1A power supply is required for HDCP and HDMI signal processing.
- Use DIP switches to select or lock EDID profiles and HDCP pass-through modes as required.

GF-EDD-HD HDMI 2.1 EDID Detective Front Panel



ID	Name	Description
1	HDMI In	Connect the HDMI source to this port using the included HDMI cable.
2	HDMI Out	Connect the HDMI display to this port using an HDMI cable.
3	DC 5V	Connect the included 5V DC power supply to this power receptacle.

GF-EDD-HD HDMI 2.1 EDID Detective Rear Panel



ID	Name	Description
1	Power LED	This LED will glow bright green when the unit is powered ON.
2	Prog	Press this button to begin programming an EDID. See "GF-EDD-HD HDMI 2.1 EDID Programming" for more information.
3	WR	Write-enable switch. Set this switch to the "E" position to allow the HDMI EDID Detective to be programmed with an EDID. Set this switch to the "D" position to disable programming and prevent an accidental erasure of the current EDID.
4	DIP Switches	Use the DIP switch bank to select a pre-programmed EDID. See "GF-EDD-HD HDMI 2.1 EDID DIP Switch Configurations" for more information.
5	Service	Connect a USB Type A to Type C cable from this port to a computer to provide serial control for advanced programming of features such as EDID management and firmware updates. See "GF-EDD-HD HDMI 2.1 EDID Detective Commands" on page 22 for more information.

GF-EDD-HD HDMI 2.1 EDID DIP Switch Configurations

The 4-pin SETTINGS switch on the front panel of the HDMI 2.1 EDID Detective are used to store and/or retrieve EDID data in an EDID bank. DIP switch 4 is not used when selecting an EDID bank.

All switches in the
"Off" or "Up" position



All switches in the "On"
or "Down" position



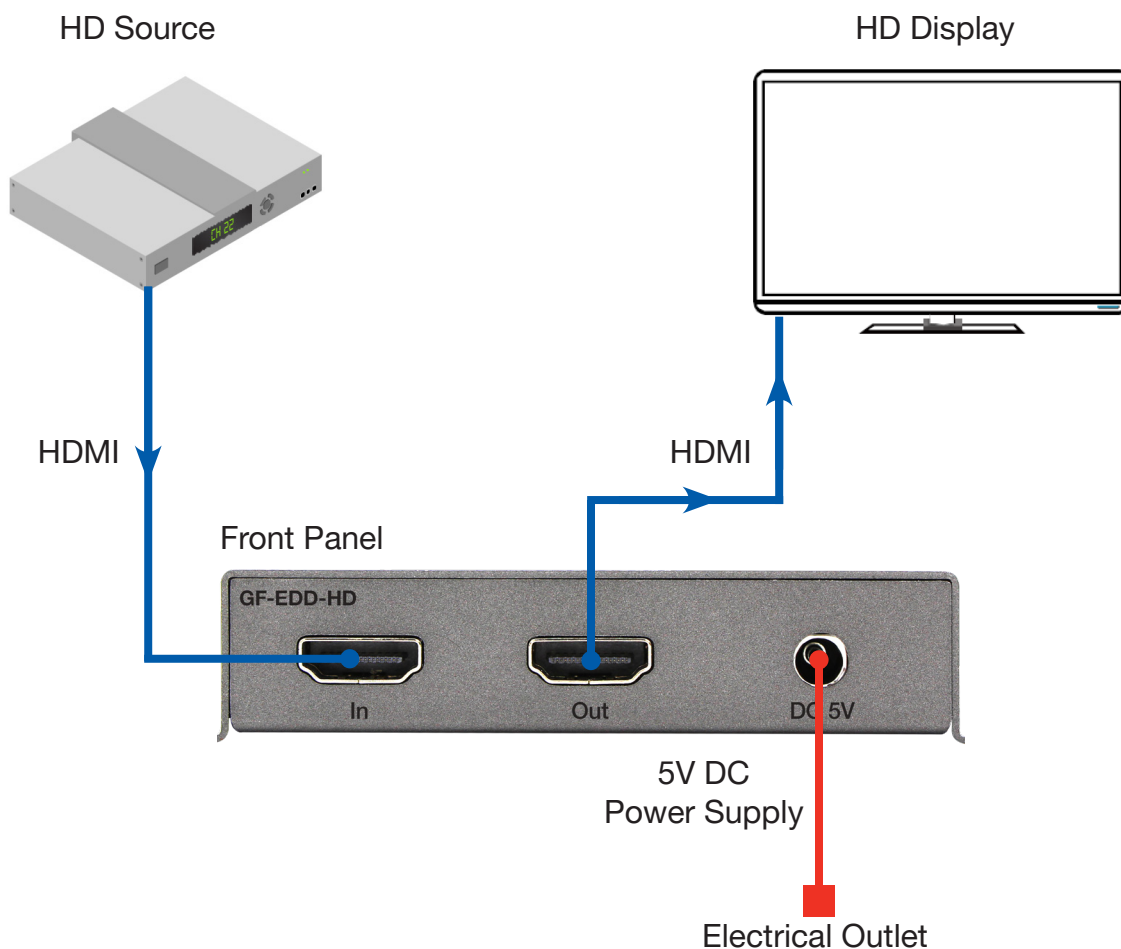
Function	Dip Switch Position			
	1	2	3	4
LOCAL EDID COPY (Default)	Up	Up	Up	—
8K60/30 2CH	Up	Up	Down	—
8K60/30 MultiCH	Up	Down	Up	—
4K144/120 2CH	Up	Down	Down	—
4K144/120 MultiCH	Down	Up	Up	—
4K60 4:4:4 2CH	Down	Up	Down	—
USER BANK 1	Down	Down	Up	—
USER BANK 2	Down	Down	Down	—
HDCP PASS-THROUGH (Default)*	—	—	—	Down
HDCP DISABLE*	—	—	—	Up

* In order for the GF-EDD-HD to pass HDCP content (e.g. Blu-ray, etc.), DIP switch 4 MUST be set to the On (Down) position. To disable HDCP pass-through, set DIP switch 4 to the Off (Up) position.

GF-EDD-HD HDMI 2.1 EDID Connection Instructions

Follow these steps to connect the GF-EDD-HD:

1. Connect the source device to the HDMI IN port on the front panel using an HDMI cable. This cable should not exceed 30 feet (10 meters).
2. Using another HDMI cable, connect the HDMI OUT port on the front panel to the display device. This cable should not exceed 50 feet (15 meters).
3. Connect the included 5V DC power supply to the power receptacle on the front panel.
4. Connect the 5V DC power supply to an available electrical outlet.



Using the Service (Virtual COM) Port

When the HDMI 2.1 EDID Detective is connected to a computer running the Windows® operating system, the unit is recognized as a **USB Human Interface Device (HID)**.

To create a virtual communication port:

1. Connect a USB Type A to Type C cable from the **Service** port on the HDMI 2.1 EDID Detective to the computer.
 - The COM port driver will automatically be detected.
2. Go to **Control Panel > Device Manager** and click **Ports** to see the driver.
 - The driver will be identified as **USB-SERIAL CH340**.
3. Launch the terminal-emulation program and set the terminal-emulation program to use the COM port specified next to the driver. COM 8 has been automatically assigned to the driver.
4. Set the **Baud Rate** to **115200**.

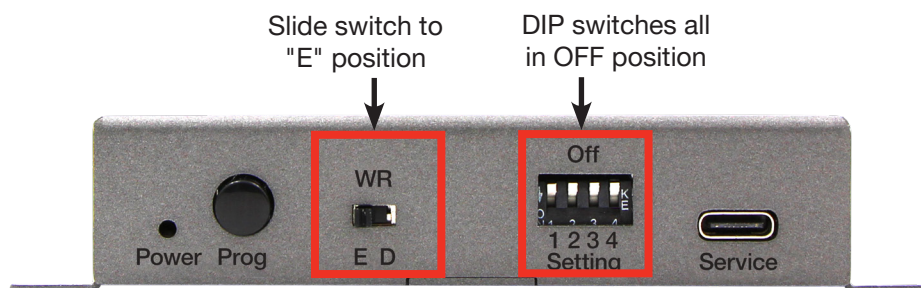
GF-EDD-HD HDMI 2.1 EDID Programming

Programming an External EDID

Before using the HDMI 2.1 EDID Detective, the unit must first be programmed with an EDID. Once programmed, the EDID data will be read by the source, providing all the necessary details of the type of signal that the display (or other sink device) can process. When a source device uses the EDID stored in the HDMI 2.1 EDID Detective, this is called "local mode."

To program an external EDID:

1. Begin by powering on the display (or other sink device) containing the EDID to be recorded.
2. Connect an HDMI cable from the sink device to the **HDMI Out** port on the HDMI 2.1 EDID Detective front panel.
3. Make sure that all DIP switches are in the **UP**, or **OFF** position.
4. Set the **WR** (write) switch to the **"E"** position to allow the EDID to be written to the HDMI 2.1 EDID Detective.
5. Connect the included 5V DC power supply to the HDMI 2.1 EDID Detective. The **Power** LED, on the rear panel, will glow green if the sink device contains a valid EDID. If the EDID is corrupt or invalid, the **Power** LED will glow bright red.



6. Press the **Prog** button. The **Power** LED will slowly flash green as the EDID is recorded.
7. Once the EDID has been recorded, the **Power** LED will glow bright green.

NOTE: When the HDMI 2.1 EDID Detective is used in "local mode," HDP (Hot-Plug Detect) is always high.

Power LED Status Summary

The table below provides a status summary of the **Power** LED.

LED	Status	Conditions
Power	Solid green 	• Detective is powered ON • HPD is high • EDID has been successfully written (to an EDID bank or to the local input)
	Solid red 	• Bad EDID • HPD is low
	Flashing green 	• EDID is being read from sink device • EDID is being read from EDID bank

GF-EDD-HD HDMI 2.1 EDID Programming

Passing HDCP Content

In order for the HDMI 2.1 EDID Detective to pass HDCP content (e.g. Blu-ray, etc.), DIP switch 4 must be in the On (or down) position.

After setting DIP switch 4 to On (or down), reboot the HDMI 2.1 EDID Detective by disconnecting and then reconnecting the power supply.

Recording an EDID to an EDID Bank

When an EDID is recorded, the EDID data is stored on the local input (HDMI input) port. However, the HDMI 2.1 EDID Detective also allows EDID data to be stored directly to any of 6 EDID banks. Each EDID can then be recalled at any time. The data in an EDID bank is saved even when the power is disconnected.

To record an EDID to an EDID bank:

1. Begin by powering on the display (or other sink device) containing the EDID to be recorded.
2. Connect an HDMI cable from the sink device to the **HDMI Out** port on the HDMI 2.1 EDID Detective front panel.
3. Connect a USB Type A to Type C cable from the **Service** port on the HDMI 2.1 EDID Detective to a computer. The USB connection will power the HDMI 2.1 EDID Detective.
4. On the PC, launch a terminal-emulation program (e.g. Hyperterminal, etc.).
 - Refer to "Using the Service (Virtual COM) Port" on page 14 for more information on terminal communication settings.
5. Execute the `#ediddstoba` command, specifying the bank in which to store the EDID.
 - For example, if we wanted to store the EDID in bank 3, we would type and enter the following command:

```
#ediddstoba 3
```

Loading an EDID from an EDID Bank

NOTE: Before an EDID can be loaded to the local input, the EDID must first be stored in an EDID bank. See "Recording an EDID to an EDID Bank" above for more information.

To load an EDID from an EDID bank to the local input:

1. Begin by powering on the HDMI 2.1 EDID Detective.
2. Select the EDID from the EDID bank, using the DIP switches. Refer to "GF-EDD-HD HDMI 2.1 EDID DIP Switch Configurations" on page 12 for DIP switch setting information.
3. Set the **WR** (write) switch to the "**E**" position to allow the EDID to be written to the local input.
4. Press the **Prog** button. The **Power** LED will slowly flash green as the EDID is written to the local input. Once completed, the **Power** LED will glow solid green.
5. Set the **WR** (write) switch to the "**D**" position to prevent the EDID from being accidentally overwritten.

GF-EDD-HD HDMI 2.1 EDID Programming

Saving the Local EDID to a File

Once an EDID has been recorded, the EDID can be saved to a file on a computer using the `#saveloedid` command. The EDID must be loaded to the local input (HDMI input) before it can be saved to a file.

To save the local EDID to a file:

1. Connect a USB Type A to Type C cable from the **Service** port on the HDMI 2.1 EDID Detective to the computer on which the local EDID will be saved. The USB connection will power the HDMI 2.1 EDID Detective.
2. On the computer, launch a terminal-emulation program. Windows Hyperterminal will be used as an example in this procedure.
 - Refer to "Using the Service (Virtual COM) Port" on page 14 for more information on terminal communication settings.
3. Type and enter the following command line:
`#saveloedid param1`
Where *param1* = the filename for the saved EDID. The file type can be either *.txt* or *.bin*.
In this example, the local EDID will be saved to the filename *Dell30.bin*:
`#saveloedid Dell30.bin`
4. After executing the command, the terminal program responds with the following:
Waiting for the file to be received ... (press 'a' to abort)
5. Open the **Transfer** menu and select **Receive File...**
6. Click the **Browse...** button to select the location where the file will be saved.
7. Select **YModem** as the receiving protocol.
8. Click the **Receive** button.
9. After the EDID has been saved, the following message will be displayed:
Saving EDID successfully

GF-EDD-HD HDMI 2.1 EDID Programming

Uploading an EDID file to the Local Input

The `#loedidtolo` command allows any EDID file to be directly uploaded to the local input (HDMI input) on the HDMI 2.1 EDID Detective. The EDID file must be in binary (*.bin*) format.

To upload an EDID file to the local input:

1. Connect a USB Type A to Type C cable from the **Service** port on the HDMI 2.1 EDID Detective to the computer on which the EDID file is saved. The USB connection will power the HDMI 2.1 EDID Detective.
2. On the computer, launch a terminal-emulation program. Windows Hyperterminal will be used as an example in this procedure.
 - Refer to "Using the Service (Virtual COM) Port" on page 14 for more information on terminal communication settings.

3. Type and enter the following command line:

```
#loedidtolo param1
```

Where *param1* = the EDID filename. The file type must be binary (*.bin*).

In this example, we will load an EDID file named *visio.bin*:

```
#loedidtolo visio.bin
```

4. After executing the command, the terminal program responds with the following:
Waiting for the file to be sent ... (press 'a' to abort)
5. Open the **Transfer** menu and select **Send File...**
6. Click the **Browse...** button to select the EDID file.
7. Select **YModem** as the sending protocol.
8. Click the **Send** button.
9. After the EDID has been successfully uploaded to the EDID bank, the following message will be displayed:

File: visio.bin, Size: 128 Bytes

Download successfully

NOTE: The file size will vary depending on the size of the EDID that is uploaded. The two most common files sizes are 128 and 256 bytes.

GF-EDD-HD HDMI 2.1 EDID Programming

Uploading an EDID file to an EDID Bank

In some instances, uploading the EDID directly to the local input is not desirable. In this case, and EDID can be uploaded to an EDID bank using the `#loedidtoba` command. The EDID file must be in binary (`.bin`) format.

To upload an EDID file to an EDID bank:

1. Connect a USB Type A to Type C cable from the **Service** port on the HDMI 2.1 EDID Detective to the computer on which the EDID file is saved. The USB connection will power the HDMI 2.1 EDID Detective.
2. On the computer, launch a terminal-emulation program. Windows Hyperterminal will be used as an example in this procedure.
 - Refer to "Using the Service (Virtual COM) Port" on page 14 for more information on terminal communication settings.

3. Type and enter the following command line:

```
#loedidtoba param1
```

Where *param1* = the EDID bank where the EDID file will be uploaded. The file type must be binary (`.bin`).

In this example, we will upload an EDID file to EDID bank 3:

```
#loedidtoba 3
```

4. After executing the command, the terminal program responds with the following:
Waiting for the file to be sent ... (press 'a' to abort)
5. Open the **Transfer** menu and select **Send File...**
6. Click the **Browse...** button to select the EDID file.
7. Select **YModem** as the sending protocol.
8. Click the **Send** button.
9. After the EDID has been successfully uploaded to the EDID bank, the following message will be displayed:

File: viewsonic.bin, Size: 128 Bytes

Download successfully

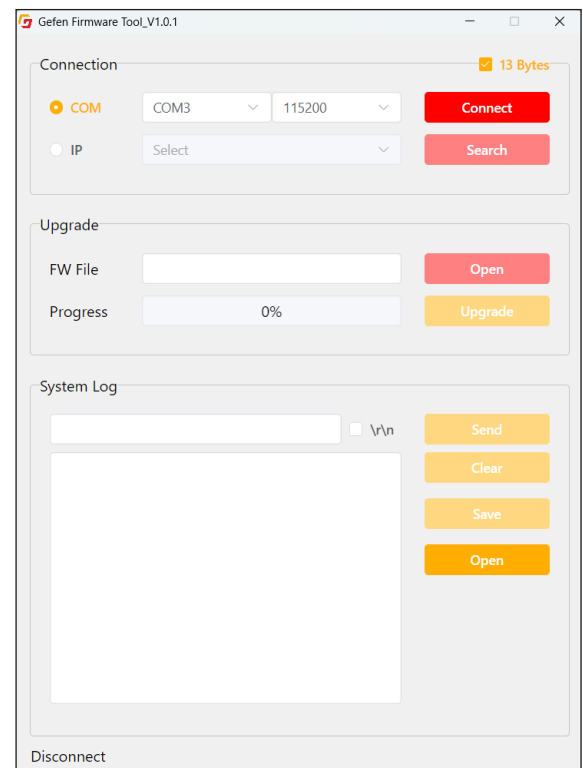
NOTE: The file size will vary depending on the size of the EDID that is uploaded. The two most common files sizes are 128 and 256 bytes.

Firmware Update Instructions

To update the firmware, you must first download and install the Firmware Update Tool.

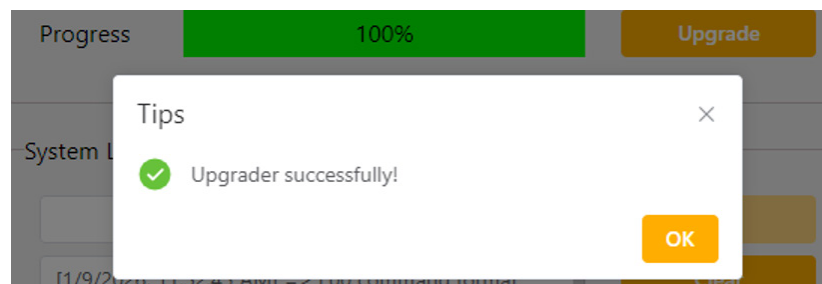
To download the Firmware Update Tool:

1. Log onto gefen.com and go to the Downloads page.
2. Download the latest available firmware update package and download the Gefen Firmware Update Tool.
3. Extract the contents of the Gefen Firmware Update Tool .zip file to a folder on the computer desktop.
4. Double-click on the *setup.exe* file to launch the application.



To update the firmware using the Gefen Firmware Update Tool:

1. Connect a USB Type A to Type C cable from the **Service** port on the HDMI 2.1 EDID Detective to the computer on which the Gefen Firmware Update Tool has been downloaded.
2. Launch the Gefen Firmware Update Tool and configure to the COM port of the device using 115200 Baud Rate. Press **Connect**.
3. Press the **Open** button to **Browse** for the **MAIN** firmware .bin file and click **Upgrade**.
 - The firmware update procedure will begin. This process should take only a few seconds. When the update procedure is complete, the following message will appear:



4. Click **OK**.
5. Press the **Open** button to **Browse** for the **FPGA** firmware .bin file and click **Upgrade**.
6. When this process is complete, the firmware procedure is complete.

Firmware Update Instructions

To update the firmware using the #fw_upgrade command:

1. Download the firmware file from the Gefen web site.
2. Extract the contents of the **.zip** file to the Windows Desktop. The **.zip** file will contain the firmware file (***.bin**).
3. Within the terminal program, type the command *#fw_upgrade*.
4. The following message will be displayed on the terminal screen:
 - *Waiting for the file to be sent...(press 'a' to abort)*
5. In Hyperterminal, click **Transfer--> Send File....**
6. Select the firmware file.
7. Select **YModem** from the **Protocol** drop-down list and click on **OK**.
 - The firmware update procedure will begin. This process should only take a few seconds. After the firmware update is successful, the following message will appear:
Download successfully
You have to reset the device to a new version that would start work

GF-EDD-HD HDMI 2.1 EDID Detective Commands

IMPORTANT: When sending commands, a carriage return **must** be included at the end of the command. When using parameters, a space **must** be included between the command and the parameter.

Commands				
Command Code	Description	Syntax	Parameters	Example
#ddcmode	Sets the DDC mode If param1 is not supplied, then the current DDC mode is returned	#ddcmode param1	1 = Local EDID with HDCP enable 2 = Local EDID with HDCP disable 3 = EDID pass-through with HDCP enable	#ddcmode 2 DDC mode set to Local EDID HDCP disable #ddcmode DDC mode is Local HDCP Enable
#edidbatolo	Loads the specified EDID bank to the local input	#edidbatolo param1	param1 = EDID bank 1–6	#edidbatolo 2 EDID bank 2 stored to local
#ediddetolo	Loads the default EDID bank to the local input	#ediddetolo	None	#ediddetolo EDID default 1 stored to local
#ediddstoba	Reads downstream EDID and stores in EDID Bank	#ediddstoba param1	param1 = EDID bank 1–6	#ediddstoba 3 Downstream EDID stored in bank 3
#ediddstolo	Reads downstream EDID and stores in the local input	#ediddstolo	None	#ediddstolo Downstream EDID stored to local
#eredidbank	Erases the contents of the specified bank	#eredidbank param1	param1 = EDID bank 1–6	#eredidbank 2 EDID bank 2 is erased
#fadefault	Resets the unit to factory-default settings	#fadefault	None	#fadefault Return to Factory default
#fw_upgrade	Upgrades the device firmware	#fw_upgrade	None	See "Firmware Update Instructions" for information
#fpga_upgrade	Upgrades the device FPGA firmware	#fpga_upgrade	None	See "Firmware Update Instructions" for information
#help	Displays a list of all available commands Can also be used to get help for a specific command	#help [param1]	param1 = command (optional)	#help Shows list of all available commands
#loedidtoba	Loads the external EDID to the specified EDID bank	#loedidtoba param1	param1 = EDID bank 1–6	See "Uploading an EDID file to an EDID Bank" for instructions on using this command
#loedidtolo	Loads the external EDID to the local input (Bank 0)	#loedidtolo	None	See "Uploading an EDID file to the Local Input" for instructions on using this command

GF-EDD-HD HDMI 2.1 EDID Detective Commands

Command Code	Description	Syntax	Parameters	Example
#prbaedid	Displays the contents of the specified EDID bank	#prbaedid param1	param1 = EDID bank 1–6	#prbaedid 3 0x00 0xFF 0xFF 0xFF 0xFF 0xFF 0xFF 0x00 0x34 0xA9 0xAF 0xA0 0x01 0x01 0x01 0x01 0x00 0x14 0x01 0x03 0x80 0x00 0x00 0x78 0x0A 0xDA 0xFF 0xA3 0x58 0x4A 0xA2 0x29 0x17 0x49 0x4B 0x00 0x00 0x00 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x02 0x3A 0x80 0x18 0x71 0x38 0x2D 0x40 0x58 0x2C 0x45 0x00 0xBA 0x88 0x21 0x00 0x00 0x1E 0x01 0x1D 0x80 0x18 0x71 0x1C 0x16 0x20 0x58 0x2C 0x25 0x00 0xBA 0x88 0x21 0x00 0x00 0x9E 0x00 0x00 0x00 0xFC 0x00 0x50 0x61 0x6E 0x61 0x73 0x6F 0x6E 0x69 0x63 0x54 0x56 0x30 0x0A 0x00 0x00 0x00 0xFD 0x00 0x17 0x3D 0x0F 0x44 0x0F 0x00 0x0A 0x20 0x20 0x20 0x20 0x20 0x20 0x01 0xC7 0x02 0x03 0x2A 0x71 0x49 0x90 0x05 0x20 0x04 0x03 0x02 0x07 0x06 0x01 0x23 0x09 0x07 0x01 0x73 0x03 0x0C 0x00 0x10 0x00 0xB8 0x2D 0x2F 0xC0 0x07 0x81 0x49 0x01 0xFE 0x06 0x08 0x00 0x00 0x00 0xE3 0x05 0x1F 0x01 0x01 0x1D 0x00 0x72 0x51 0xD0 0x1E 0x20 0x6E 0x28 0x55 0x00 0xBA 0x88 0x21 0x00 0x00 0x1E 0x8C 0x0A 0xD0 0x8A 0x20 0xE0 0x2D 0x10 0x10 0x3E 0x96 0x00 0xBA 0x88 0x21 0x00 0x00 0x18 0x8C 0x0A 0xD0 0x8A 0x20 0xE0 0x2D 0x10 0x10 0x3E 0x96 0x00 0x0B 0x88 0x21 0x00 0x00 0x18 0x8C 0x0A 0xA0 0x14 0x51 0xF0 0x16 0x00 0x26 0x7C 0x43 0x00 0xBA 0x88 0x21 0x00 0x00 0x98 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x86
#prdsedid	Displays the downstream EDID	#prdsedid	None	#prdsedid 0x00 0xFF 0xFF 0xFF 0xFF 0xFF 0xFF 0x00 0x10 0xAC 0x54 0x40 0x55 0x34 0x31 0x42 0x0F 0x14 0x01 0x03 0x80 0x2C 0x19 0x78 0xEE 0xEE 0x95 0xA3 0x54 0x4C 0x99 0x26 0x0F 0x50 0x54 0xA5 0x4B 0x00 0x71 0x4F 0x81 0x80 0xA9 0xC0 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x30 0x2A 0x40 0xC8 0x60 0x84 0x64 0x30 0x18 0x50 0x13 0x00 0xBB 0xF9 0x10 0x00 0x00 0x1E 0x00 0x00 0x00 0xFF 0x00 0x43 0x32 0x30 0x31 0x52 0x30 0x34 0x45 0x42 0x31 0x34 0x55 0x0A 0x00 0x00 0x00 0xFC 0x00 0x44 0x45 0x4C 0x4C 0x20 0x45 0x32 0x30 0x31 0x30 0x48 0x0A 0x20 0x00 0x00 0x00 0xFD 0x00 0x38 0x4C 0x1E 0x53 0x10 0x00 0x0A 0x20 0x20 0x20 0x20 0x20 0x20 0x00 0x7C
#prloedid	Displays the contents of the local input (Bank 0)	#prloedid	None	#prloedid 0x00 0xFF 0xFF 0xFF 0xFF 0xFF 0xFF 0x00 0x1C 0xA6 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x11 0x01 0x03 0x80 0x81 0x49 0x78 0x0A 0xCF 0x9B 0xA3 0x57 0x4C 0x9E 0x26 0x0F 0x4A 0x4C 0x20 0x00 0x00 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x01 0x1D 0x80 0x80 0xD0 0x72 0x1C 0x16 0x20 0x10 0x2C 0x80 0xD0 0x72 0x1C 0x16 0x20 0x10 0x2C 0x01 0x1D 0x00 0xBC 0x52 0xD0 0x1E 0x20 0xB8 0x28 0x55 0x40 0xC4 0x8E 0x21 0x00 0x00 0x18 0x00 0x00 0x00 0xFC 0x00 0x47 0x45 0x46 0x45 0x4E 0x0A 0x20 0x20 0x20 0x20 0x20 0x20 0x20 0x00 0x00 0x00 0xFD 0x00 0x3B 0x3D 0x0F 0x44 0x0F 0x00 0x0A 0x20 0x20 0x20 0x20 0x20 0x20 0x01 0xCF 0x02 0x03 0x18 0x71 0x45 0x94 0x13 0x11 0x12 0x1F 0x23 0x0F 0x07 0x07 0x83 0x7F 0x00 0x00 0x65 0x03 0x0C 0x00 0x10 0x00 0x8C 0x0A 0xD0 0x90 0x20 0x40 0x31 0x20 0x0C 0x40 0x55 0x00 0x13 0x8E 0x21 0x00 0x00 0x18 0x8C 0x0A 0xD0 0x90 0x20 0x40 0x31 0x20 0x0C 0x40 0x55 0x00 0xC4 0x8E 0x21 0x00 0x00 0x18 0xF3 0x39 0x80 0xD0 0x72 0x38 0x2D 0x40 0x10 0x2C 0x45 0x80 0xC4 0x8E 0x21 0x00 0x00 0x1E 0x00 0x00 0x00 0xFF 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0xFF 0x00 0x00 0x00 0x00 0x00 0x00 0xFF 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0xFF 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x00 0x68

GF-EDD-HD HDMI 2.1 EDID Detective Commands

Command Code	Description	Syntax	Parameters	Example
#saveloedid	Saves the local EDID to a .bin or .txt file	#saveloedid param1	param1 = Filename	#saveloedid edidtest.bin Waiting for the file to be received ... (press 'a' to abort)
#show_ver_data	Displays the current version of firmware	#show_ver_data	None	#show_ver_data GF-EDD-HD Release version: 2.23 Release date: Oct 20 2013 Release time: 17:22:17

Warranty Information

Nice North America warrants the equipment it manufactures to be free from defects in material and workmanship. If Gefen equipment fails because of such defects and Nice North America is notified within the specified warranty period from the documented date of purchase, Nice North America will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed. Warranty period begins on the date of purchase by the original end-purchaser, as indicated on the proof of purchase document. This Limited Warranty extends to the original end-user purchaser of the product, and is not transferable to any subsequent purchaser(s) or owner(s). Customers outside the continental United States of America are responsible for shipping charges to and from Nice North America.

1. Proof of sale may be required to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30-day warranty and cables must be in their original condition.

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