**Saved from manuals.plus.**
**Open the live page for links to other documents and user manuals.**



## FUERAN 8541676174

# FUERAN HDMI EDID Emulator User Manual

Model: 8541676174

## 1. Introduction

This manual provides detailed instructions for the FUERAN HDMI Pass-Through EDID Emulator. This device is designed to address communication issues between an HDMI video source and a display, ensuring stable video signals and maintaining display settings.
The emulator supports various pixel formats (YCbCr 4:4:4, 4:2:2, 4:2:0, RGB) and 2.1 Channel Audio. It is particularly useful for maintaining display resolution and preventing desktop rearrangement when monitors are powered off or disconnected.

## 2. Product Features

- **Bi-directional EDID Emulation:** Copies or ghosts EDID information from the display to the computer, resolving communication issues.
- **Synchronous Matching:** Ensures flawless synchronization between displays and PCs, preventing "loss of sync" issues.
- **Virtual Monitor Functionality:** Acts as a virtual monitor, allowing users to close laptop lids and resume work at preferred resolutions without desktop rearrangement.
- **Wide Resolution Support:** Supports resolutions from 800x600@60Hz up to 1920x1080@60Hz by default, with options for 1024x768@60Hz, 1280x720@60Hz, 1280x800@60Hz, 1920x1200@60Hz, and 3840x2160@60Hz.
- **Versatile Application:** Suitable for remote display management, testing, troubleshooting, and fixing compatibility problems between video scalers and monitors.

## 3. Setup and Installation

The FUERAN HDMI EDID Emulator is a plug-and-play device that requires no external power or drivers. Follow these steps for installation:

1. **Identify Connection Points:** Locate the HDMI output port on your source device (e.g., PC, laptop, DVD player) and the HDMI input port on your display device (e.g., monitor, TV, projector).
2. **Connect the Emulator:** Insert the male HDMI connector of the FUERAN EDID Emulator directly into the HDMI

output port of your source device.

3. **Connect HDMI Cable:** Connect one end of an HDMI cable to the female HDMI port of the EDID Emulator.
4. **Connect to Display:** Connect the other end of the HDMI cable to the HDMI input port of your display device.
5. **Power On Devices:** Ensure both your source device and display device are powered on. The emulator will automatically begin to function.

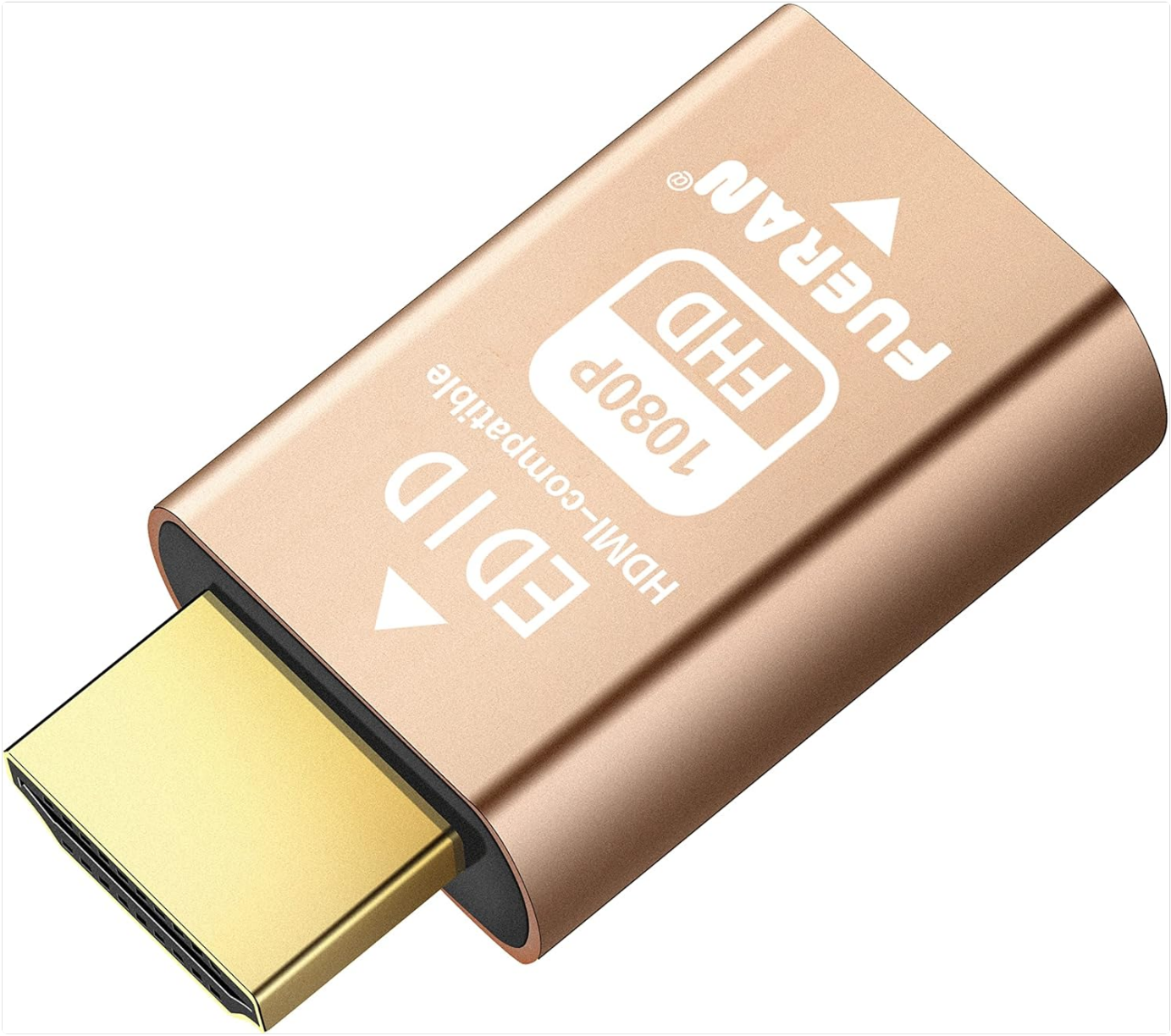



Image: The FUERAN HDMI EDID Emulator, a compact gold-colored device with an HDMI male connector on one end and a female HDMI port on the other. It is labeled "EDID HDMI-compatible 1080P FHD FUERAN".




Image: A diagram illustrating how the EDID emulator connects between a source device (notebook, DVD/set-top box, Android box, desktop computer) and various display types (LCD TV Wall, Projection, LED screen). It shows the emulator used with HDMI, DVI, and VGA adapters, emphasizing its role in maintaining signal stability even when displays are turned off or disconnected.

## 4. Operating Instructions

Once installed, the EDID emulator operates automatically. Its primary function is to ensure that your source device always detects a connected display, preventing issues like resolution changes or desktop rearrangement when the actual display is turned off or disconnected.

- **Maintaining Resolution:** The emulator stores the EDID (Extended Display Identification Data) from your display, ensuring your computer or source device maintains the correct resolution and refresh rate, even if the display is powered off or unplugged.
- **Virtual Display:** When a physical monitor is not connected or is turned off, the emulator acts as a virtual display, allowing remote access to your system at its full resolution without a connected monitor. This is particularly useful for headless servers or remote desktop applications.
- **Multi-Screen Stability:** In multi-monitor setups, the emulator helps prevent desktop icons from rearranging or windows from resizing when one or more displays are disconnected or powered down.

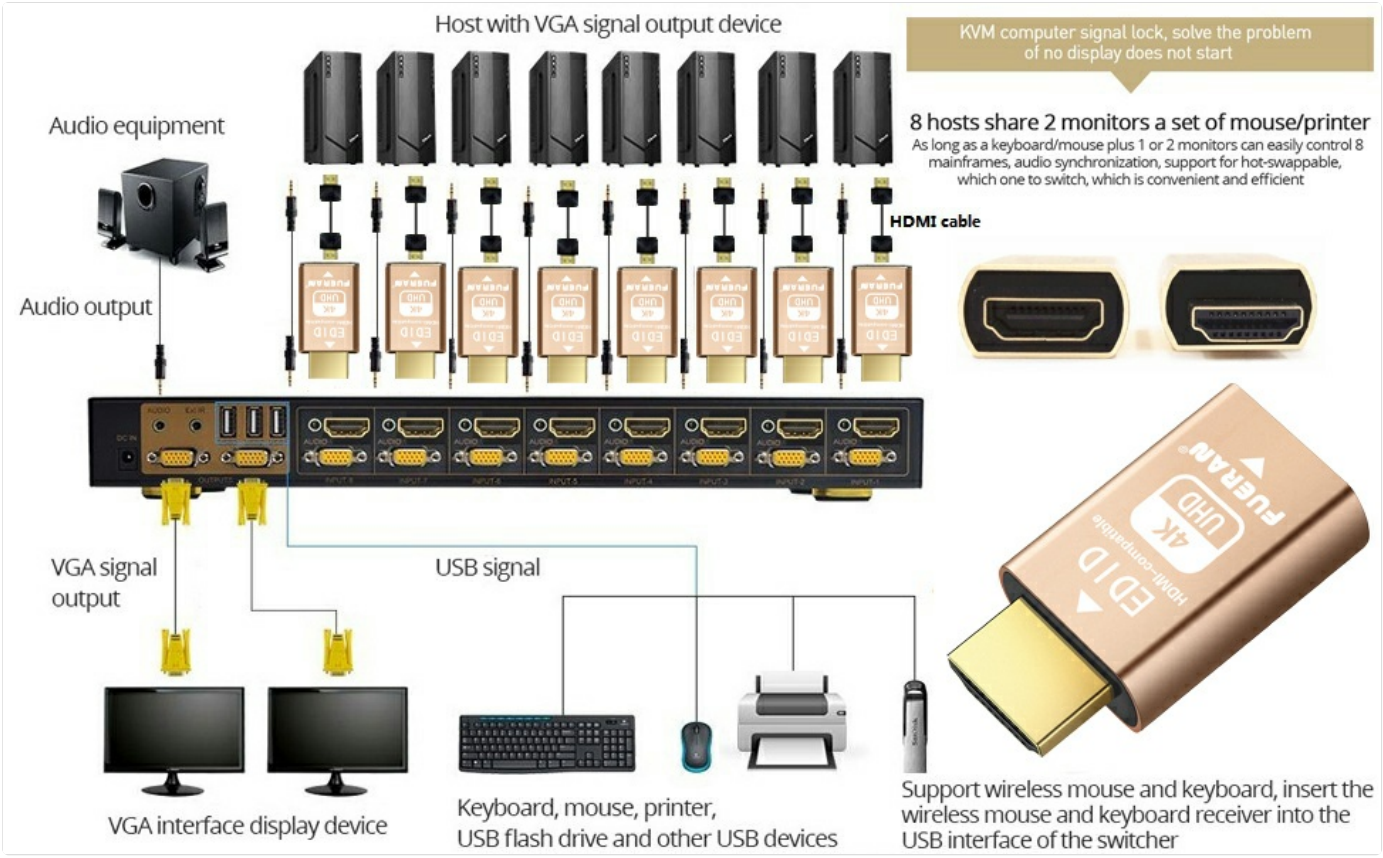



Image: A laptop with the FUERAN EDID emulator connected to its HDMI port. The image highlights the "HDMI Interface" and explains that the emulator can be used as a virtual monitor, allowing the laptop lid to be closed while maintaining the desired resolution for remote access.

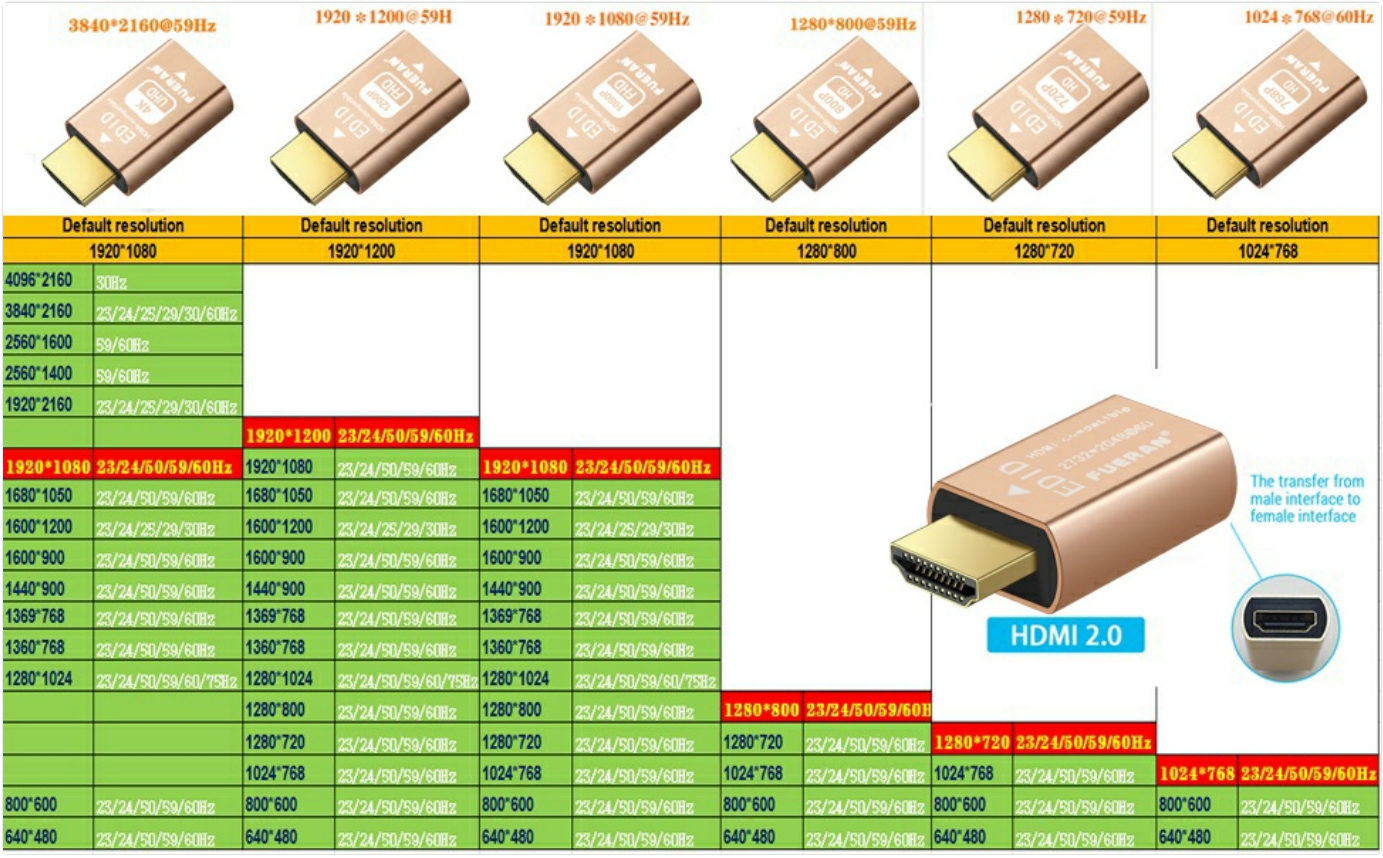



Image: A setup with multiple monitors displaying various graphs, with two FUERAN EDID emulators visible in the foreground. The text indicates that the device helps fix screen order problems and can be used as a virtual display, preventing screen flickering or window issues when monitors are powered off or hot-swapped.

## 5. Troubleshooting

If you encounter issues while using the FUERAN HDMI EDID Emulator, refer to the following common troubleshooting steps:

- **No Signal/Black Screen:**
  - Ensure all HDMI cables are securely connected to both the source device, the emulator, and the display.
  - Verify that the display is set to the correct HDMI input.
  - Test the HDMI cable directly between the source and display to rule out cable issues.
  - Try a different HDMI port on your display or source device.
  - Ensure the resolution output by your source device is supported by your display and the emulator. The emulator supports resolutions up to 1920x1080@60Hz by default, with higher options available if specifically configured.
- **Desktop Rearrangement/Resolution Changes:**
  - This is precisely what the emulator is designed to prevent. Ensure the emulator is firmly connected and that your source device recognizes it as a display.
  - If using a KVM switch or splitter, ensure it is compatible and functioning correctly with the emulator.
- **Intermittent Signal Loss:**
  - Check for loose connections.
  - Ensure the HDMI cable is not excessively long or of poor quality, which can lead to signal degradation.
  - Test with a different HDMI cable.
- **Compatibility Issues:**
  - While the emulator is broadly compatible, some specific hardware combinations (e.g., certain USB-C to HDMI adapters) might exhibit unexpected behavior. If issues persist, try the emulator with a different source or display device to isolate the problem.

## 6. Specifications

| Feature | Detail |
|---|---|
| **Brand** | FUERAN |
| **Model Number** | 8541676174 |
| **Connector Type** | HDMI (Male to Female) |
| **Supported Resolutions (Default)** | 1920x1080@60Hz |
| **Supported Resolutions (Range)** | 800x600@60Hz to 1920x1080@60Hz (also supports 1024x768, 1280x720, 1280x800, 1920x1200, 3840x2160@60Hz depending on model/configuration) |
| **Pixel Formats** | YCbCr 4:4:4, 4:2:2, 4:2:0, RGB |
| **Audio Support** | 2.1 Channel Audio |
| **Dimensions (L x W x H)** | 0.04 x 0.04 x 0.04 inches (approximate, based on product data) |

| Feature | Detail |
|---|---|
| **Weight** | 0.004 ounces (approximate) |
| **Compatible Devices** | Laptop, Monitor, PC, Television, DVD Player |

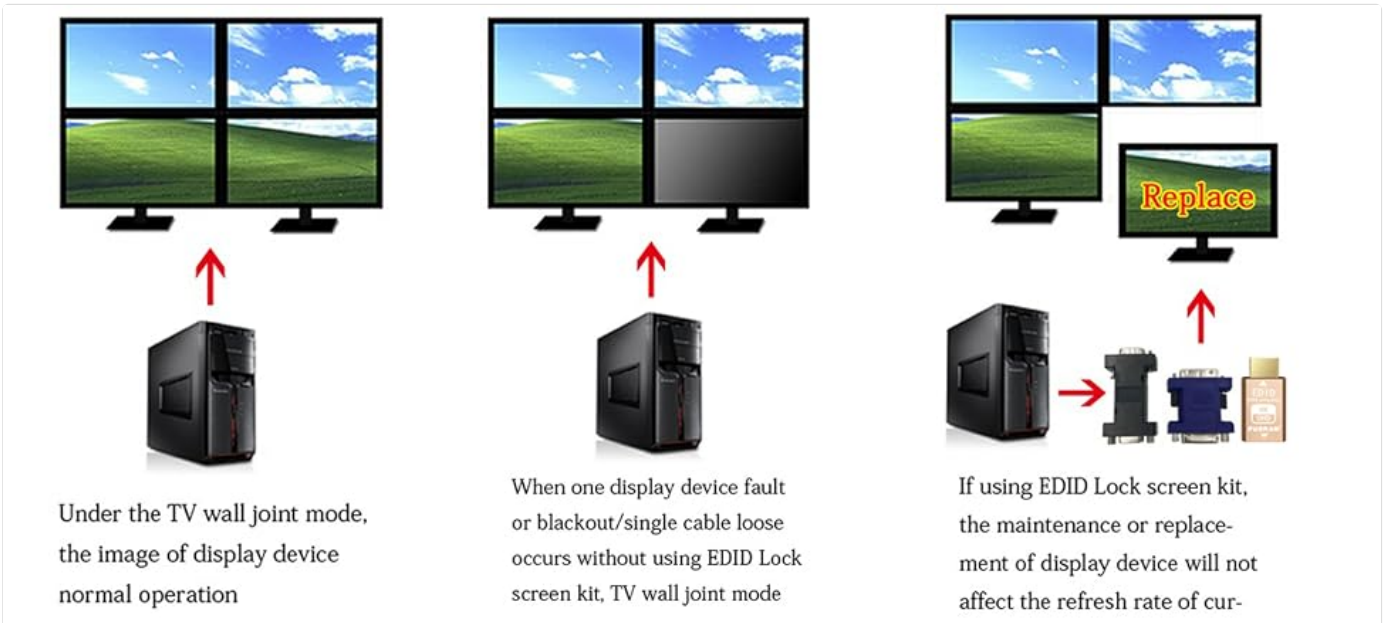



Image: A detailed table showing various EDID emulator models and their default and supported resolutions, including 3840x2160@59Hz, 1920x1200@59Hz, 1920x1080@59Hz, 1280x800@59Hz, 1280x720@59Hz, and 1024x768@60Hz. It also indicates HDMI 2.0 compatibility and the male to female interface transfer.

## 7. Maintenance

The FUERAN HDMI EDID Emulator is a low-maintenance device. Follow these guidelines to ensure its longevity:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the emulator in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping the device or subjecting it to strong impacts. Handle the HDMI connectors carefully to prevent bending or damage to the pins.

## 8. Warranty and Support

FUERAN products are designed for reliability and performance. For specific warranty information, please refer to the product packaging or contact FUERAN customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.
For technical support or further inquiries, please visit the official FUERAN store on Amazon or contact their customer service channels. You can find more information and contact details via the FUERAN Store Page.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**

---

**Open the live page**

**https://manuals.plus/asin/B07C8BHPD6**

More documents and user manuals: **https://manuals.plus/**