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› [Hagibis](#) /

› [Hagibis 4K HDMI Dummy Plug EDID Emulator AH10 Instruction Manual](#)

Hagibis AH10

Hagibis 4K HDMI Dummy Plug EDID Emulator AH10 Instruction Manual

Model: AH10

1. INTRODUCTION

The Hagibis 4K HDMI Dummy Plug EDID Emulator AH10 is designed to simulate a connected display, allowing your PC's graphics card to remain active and operate at optimal performance even when no physical monitor is attached. This device is ideal for headless systems, remote desktop applications, cryptocurrency mining, and other scenarios requiring continuous GPU activity without a dedicated display.



Image: Illustrates the core purpose of the HDMI Dummy Plug, including ensuring normal host operation without a display, solving graphics card shutdown issues, enabling game studio operation without a monitor, and facilitating high-resolution remote control.

2. KEY FEATURES

- **High Resolution Support:** Supports resolutions up to 4K@60Hz, 2K@60Hz, and 1080P@120Hz, ensuring clear display details for various tasks. (Note: Your graphics card must support HDMI 2.1 to achieve 4K/120Hz refresh rate.)

- **Headless System Solution:** Transforms your computer into a 'headless' system, eliminating the need for an expensive physical monitor, saving energy, and reducing environmental impact.
- **Powerful Intelligent Chip:** Equipped with an intelligent chip for stable performance, reducing issues like screen flickering, black screen, and lag during remote control.
- **Durable Construction:** Features an aluminum alloy shell and gold-plated interfaces for quick heat dissipation and support for hot-swappable graphics cards/hosts, ensuring safe and stable operation.
- **Simple & Convenient:** Plug and play setup with no drivers, software, or external power required. Supports easy hot swapping with ultra-low power consumption.
- **Broad Compatibility:** Works seamlessly with any discrete graphics card or laptop featuring HDMI output, compatible with PC, Windows, Mac Mini OSX, Linux, and more.

3. SETUP

Setting up your Hagibis 4K HDMI Dummy Plug is straightforward due to its plug-and-play design.

1. **Locate HDMI Port:** Identify an available HDMI output port on your computer's graphics card or laptop.
2. **Insert Dummy Plug:** Gently insert the Hagibis HDMI Dummy Plug into the HDMI port. Ensure it is fully seated.
3. **System Detection:** Your operating system will automatically detect the dummy plug as a connected display. No additional drivers or software installation is required.

Powerful Chip Release Stability Performance

Equipped with an intelligent chip, it stably delivers the performance of the host/graphics card. reduce problems such as screen flickering, black screen and lag that occur in remote contro.

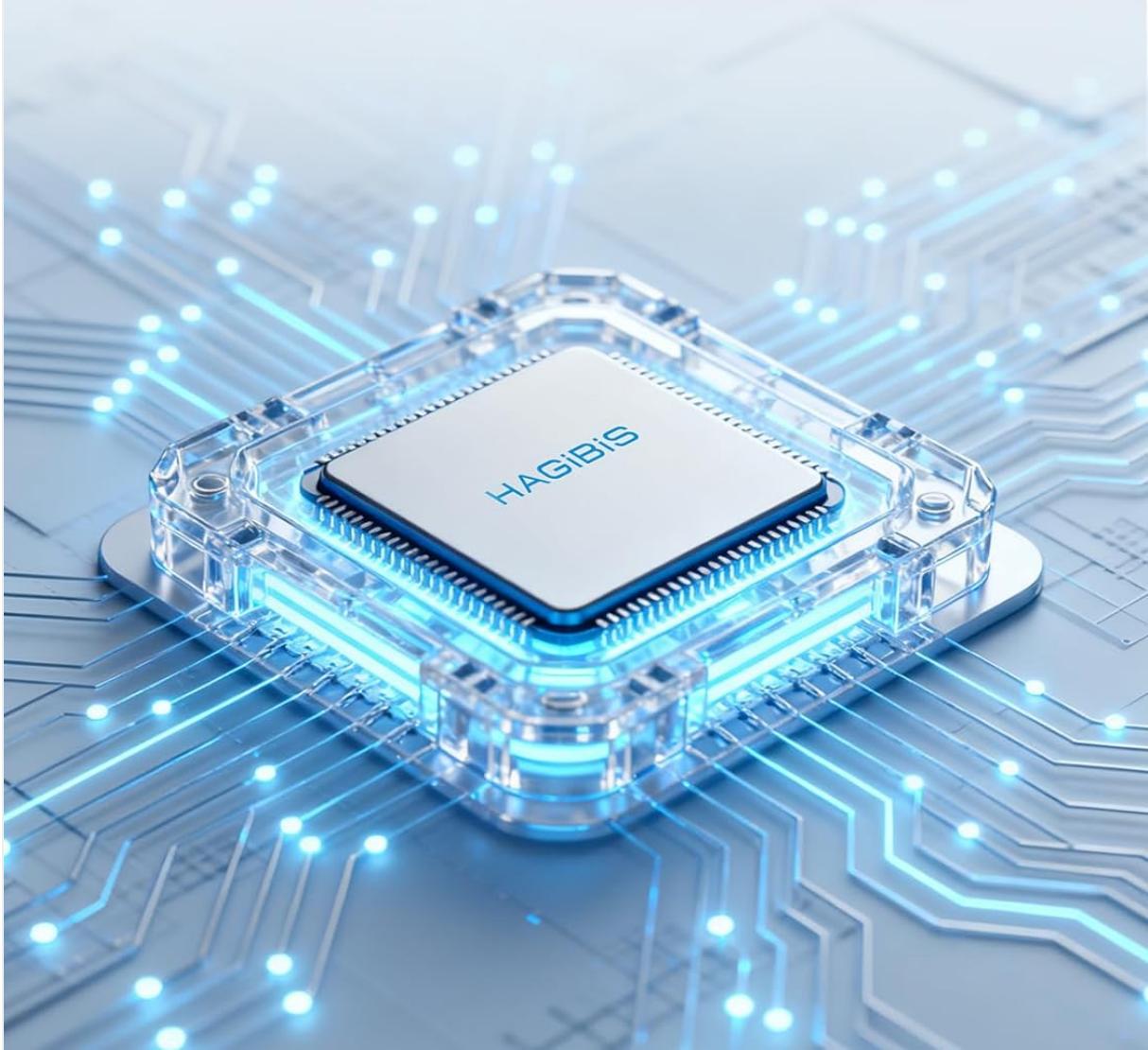


Image: A close-up view of the Hagibis HDMI Dummy Plug inserted into an HDMI port on the back of a computer tower, showing the blue indicator light.

For a visual guide on the product and its connection, please watch the official seller video below:

Video: Official Hagibis video demonstrating the 4K HDMI / DP Dummy Plug, showing its physical appearance and how it connects to a computer.

4. OPERATING INSTRUCTIONS

Once the Hagibis HDMI Dummy Plug is connected, your system will behave as if a monitor is present,

allowing for enhanced remote management and performance.

- **GPU Activation:** The dummy plug ensures your graphics card remains active, preventing it from entering low-power states or shutting down due to the absence of a display.
- **Virtual Display:** It creates a virtual display, enabling remote desktop applications (like TeamViewer, AnyDesk, or VNC) to access your system at high resolutions and refresh rates, providing a smooth and responsive experience.
- **Resolution Adjustment:** You can adjust the virtual display's resolution through your operating system's display settings, choosing from supported options like 4K@60Hz, 2K@60Hz, or 1080P@120Hz.



Image: A diagram illustrating the underlying logic of graphics card false load, showing how a controlled host (PC) can be managed by a main control computer with or without a physical display connected to the host.



Image: A visual comparison of 4K UltraHD, 2K QuadHD, and 1080P FullHD resolutions, highlighting the detail and clarity supported by the dummy plug.

5. APPLICATIONS AND USE CASES

The Hagibis HDMI Dummy Plug is versatile and beneficial for various scenarios:

- **Remote Headless PCs:** Manage servers, home office setups, or other computers remotely without needing a physical monitor connected.
- **Cryptocurrency Mining:** Maintain optimal GPU performance for mining operations, as the graphics

card will always operate at full capacity.

- **Video Rendering & Simulation:** Ensure consistent high-resolution output and prevent performance degradation during intensive tasks like video editing, rendering, or running simulations.
- **Gaming & VR:** Facilitate game streaming or VR applications from a headless PC, ensuring the GPU provides the necessary resolution and refresh rate.



Image: A game studio setup showing multiple computer consoles connected to a single screen, illustrating how the HDMI Dummy Plug enables running games without a dedicated display for each console.

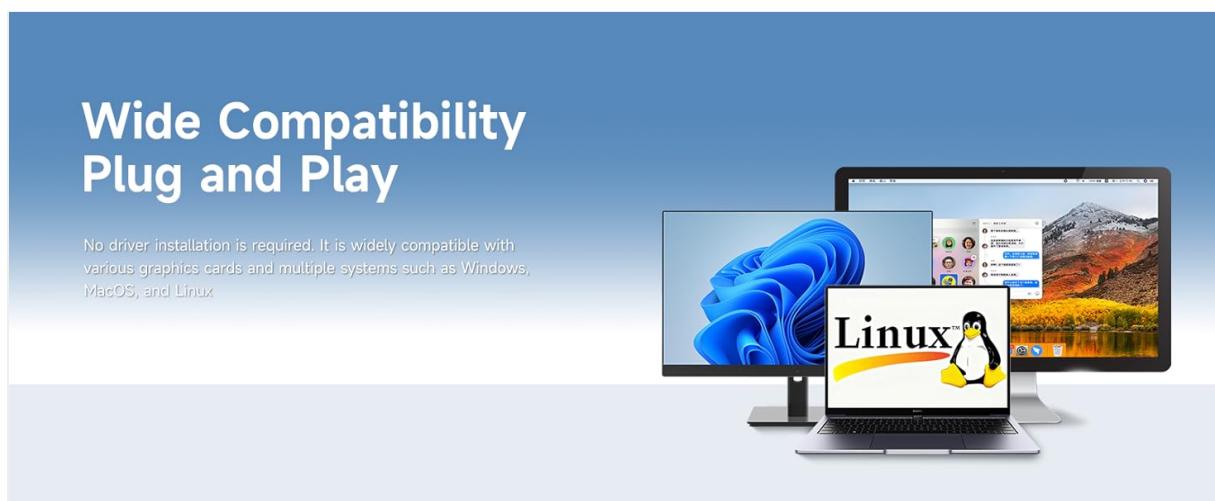


Image: Two scenarios demonstrating the utility of the dummy plug: 'Telecommuting' with a laptop and 'Remote Streaming' with a gaming PC, both operating without a directly connected monitor.

6. SPECIFICATIONS

Attribute	Detail
Product Dimensions	0.39 x 1.1 x 0.78 inches
Item Weight	0.35 ounces
Item Model Number	AH10
Connector Type	HDMI
Color	Grey

Material	Aluminum Alloy
Max Resolution	4K@60Hz, 2K@60Hz, 1080P@120Hz

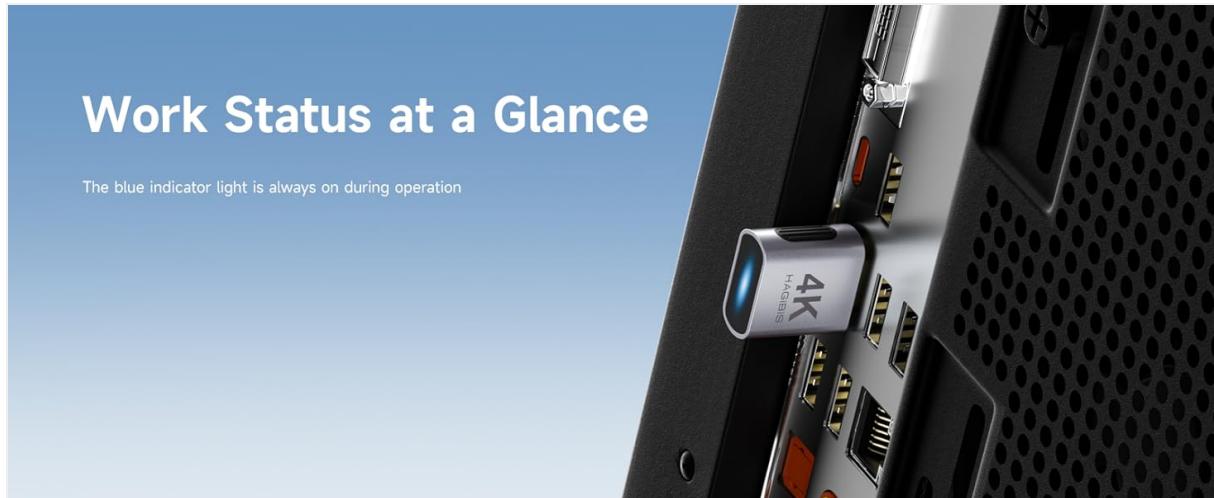


Image: Detailed product parameters including dimensions, brand, name, color, and material of the Hagibis HDMI Dummy Plug.

7. TROUBLESHOOTING

- No Virtual Display Detected:** Ensure the dummy plug is fully and securely inserted into the HDMI port. Try a different HDMI port if available.
- Incorrect Resolution/Refresh Rate:** Verify that your graphics card and its drivers are up to date and support the desired resolution and refresh rate (e.g., HDMI 2.1 for 4K@120Hz). Adjust display settings in your operating system.
- Remote Desktop Lag:** While the dummy plug helps GPU performance, remote desktop lag can be caused by network issues. Check your internet connection speed and stability.
- Overheating:** The aluminum alloy shell is designed for heat dissipation. Ensure adequate airflow around your computer's graphics card area.

8. MAINTENANCE

To ensure the longevity and optimal performance of your Hagibis HDMI Dummy Plug, follow these simple maintenance guidelines:

- Keep Clean:** Periodically wipe the dummy plug with a soft, dry cloth to remove dust and debris.
- Avoid Physical Damage:** Handle the device carefully. Avoid dropping it or applying excessive force during insertion or removal.
- Storage:** When not in use, store the dummy plug in a cool, dry place away from direct sunlight and extreme temperatures.

9. WARRANTY AND SUPPORT

The Hagibis 4K HDMI Dummy Plug EDID Emulator AH10 comes with a standard manufacturer's warranty. For specific warranty details, please refer to the product packaging or contact Hagibis customer support.

If you encounter any issues or have questions regarding the product, please visit the official Hagibis website or contact their customer service for assistance.