UGREEN 95994

UGREEN HDMI Dummy Plug (Model 95994) Instruction Manual

1. PRODUCT OVERVIEW

The UGREEN HDMI Dummy Plug (Model 95994) is designed to emulate a connected display, enabling full graphics card functionality in headless computer setups. This device is essential for remote desktop access, cryptocurrency mining, server management, and other applications where a physical monitor is not present but a virtual display is required. It supports resolutions up to 4K at 60Hz and 1080P at 120Hz, ensuring optimal performance for various tasks.
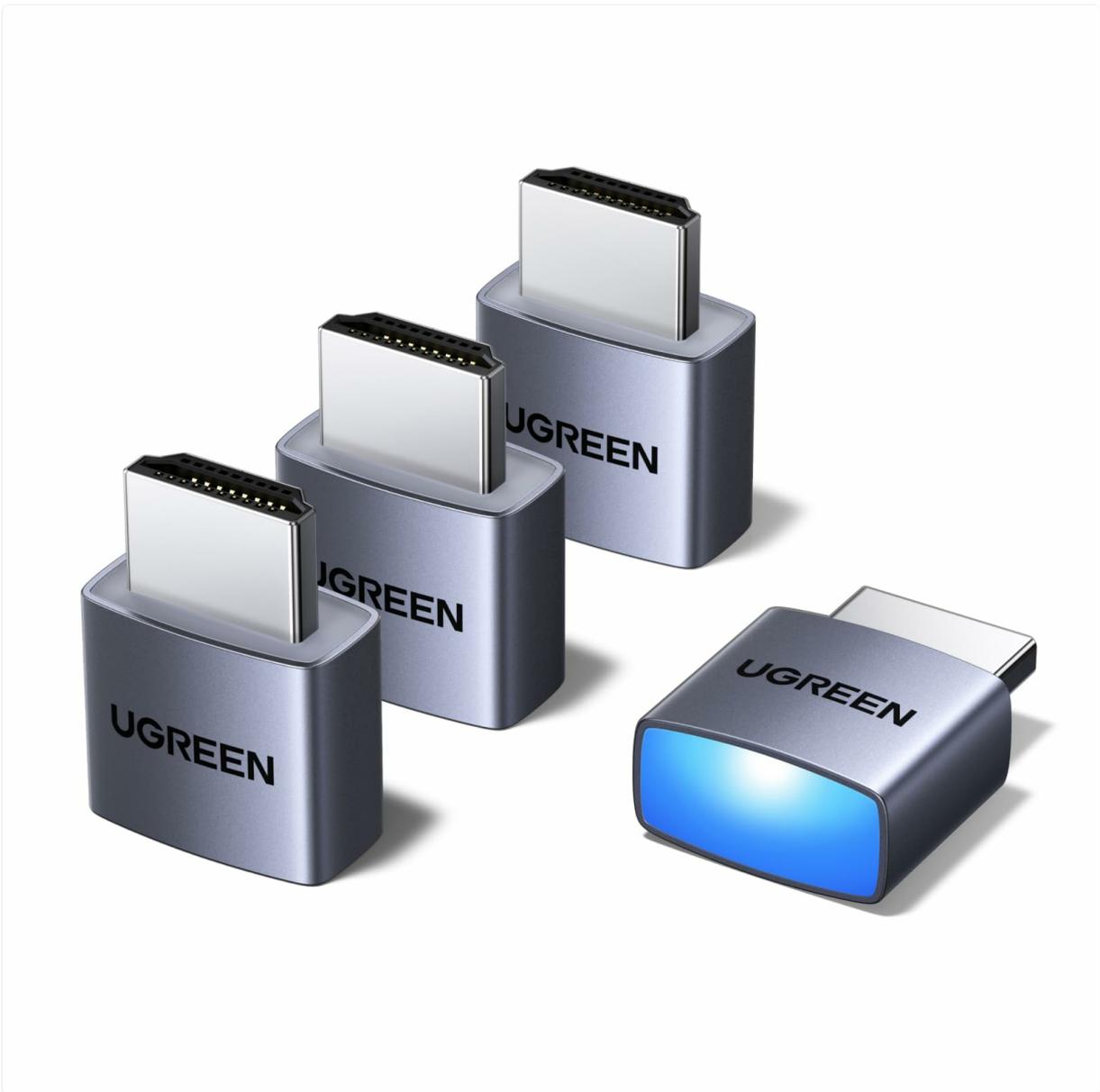
Image: The UGREEN HDMI Dummy Plug, a compact silver adapter designed for HDMI ports.

2. PACKAGE CONTENTS

- 4 x UGREEN HDMI Dummy Plugs (Model 95994)

3. SETUP GUIDE

The UGREEN HDMI Dummy Plug features a plug-and-play design, requiring no drivers, software, or external power. Simply insert the dummy plug into an available HDMI port on your computer or device. The integrated LED light indicates an active connection.

Plug and Work Anytime

Stable Transmission And No Loose In Connection

With work indicating lamp

Note：NOT a wireless HDMI transmitter/receiver

Image: The HDMI dummy plug shown inserted into a laptop and a server, illustrating its plug-and-play functionality and active indicator light.

4. OPERATING INSTRUCTIONS

Once connected, the HDMI Dummy Plug activates your system's graphics processing unit (GPU), allowing it to render a virtual display. This enables high-resolution remote desktop sessions, smooth video editing, and efficient game development or streaming from a headless PC. It ensures that your system operates as if a monitor were connected, preventing resolution limitations or GPU inactivity.

Perfect for Remote Users

**No Monitor Connected
Server / Headless PC**

**Virtual Display Detected
Remote Control**

Image: A headless PC with the dummy plug connected, alongside a tablet showing a remote desktop interface, demonstrating its use for remote control.

Image: A user engaged in game streaming on a tablet, facilitated by the virtual display from a remote PC.

5. COMPATIBILITY

This HDMI Dummy Plug is compatible with any discrete graphics card, laptop, or device featuring an HDMI output. It supports various operating systems, including PC Windows, macOS, and Linux. It integrates seamlessly with remote access applications such as RustDesk, TeamViewer, Sunshine+Moonlight, Parsec, and VNC.

Wide Compatibility

Laptops   Desktops   Mini PC

macOS   Windows 11/10   Linux

RustDesk   TeamViewer   VNC Applications

Sunshine   Moonlight   Parsec

Note: HDMI port required.

Image: A visual representation of the dummy plug's wide compatibility with different operating systems and remote desktop software.

6. RESOLUTION AND PERFORMANCE

The UGREEN HDMI Dummy Plug supports a maximum resolution of 4K (3840x2160) at 60Hz (4:2:0 chroma subsampling) and 1080P at 120Hz. It incorporates EDID (Extended Display Identification Data) emulation to ensure stable and consistent resolution detection by the operating system. This allows for custom resolution settings and prevents issues related to display detection in headless environments.
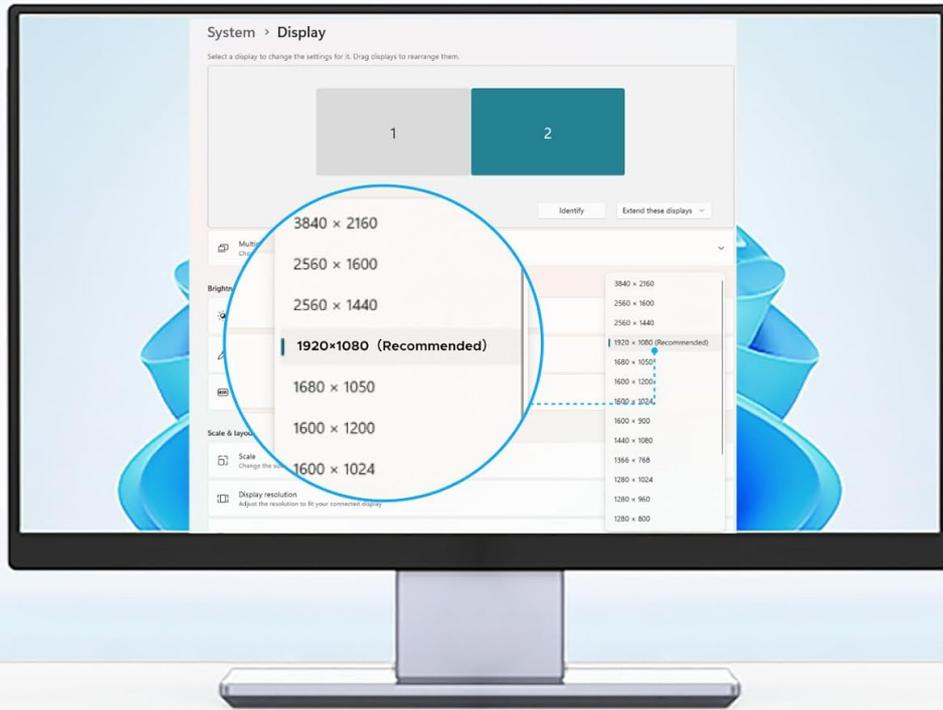
Up to 4K@60Hz（4:2:0）
High Resolution

Image: Visual comparison of 1080P, 2K, and 4K resolutions, demonstrating the dummy plug's capability to support high-definition displays.
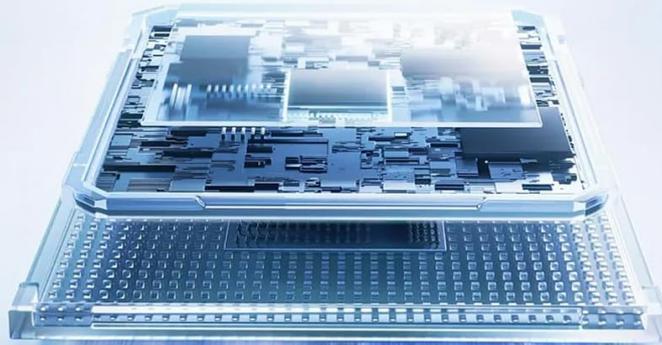
Custom Resolution
HD Sync Adaptation

Built-in EDID | 1080P60Hz (Recommended) | 4K60Hz Compatible (HDMI 2.0 Required) | Backward Compatible with Lower Resolutions

Image: A screenshot of display settings, illustrating the ability to select custom resolutions when using the dummy plug.

7. MAINTENANCE AND DURABILITY

Constructed with a robust aluminum shell, the UGREEN HDMI Dummy Plug is designed for enhanced heat dissipation, preventing overheating during continuous operation. Its durable build ensures long-lasting performance and resistance to wear. No specific maintenance is required beyond keeping the connectors clean.

Built for Superior Performance

Advanced Chipset：Ensures Stable Transmission

Sturdy Aluminium Shell：Enables Faster Heat Dissipation

Image: Depiction of the internal chipset for stable transmission and the aluminum casing for efficient heat dissipation, highlighting product quality.

8. TROUBLESHOOTING

- **Is this a wireless HDMI transmitter?** No, this is a virtual display emulator (dummy plug). It does not transmit video signals and has no output port.

- **Does it support high refresh rates like 144Hz?** It is optimized for stability at 60Hz (4K/1080P). It is not recommended for high-refresh-rate gaming monitoring beyond its specified capabilities.

- **Will it work with my Mac mini?** Yes, it is fully compatible with macOS, Windows 10/11, and Linux. Ensure your Mac mini model has an HDMI output port, as this product connects via HDMI.

- **No virtual display detected?** Ensure the dummy plug is fully inserted into the HDMI port. Verify that your graphics card drivers are up to date. Restart the system if necessary.

9. PRODUCT SPECIFICATIONS

Feature	Specification

Model Number	95994
Connector Type	HDMI
Supported Resolutions	Up to 4K@60Hz (4:2:0), 1080P@120Hz
Compatibility	Discrete graphics cards, laptops, devices with HDMI output; PC Windows, macOS, Linux
Features	EDID Emulator, Virtual Monitor, Headless Adapter, Status LED, Aluminum Shell
Package Dimensions	5.63 x 3.23 x 0.43 inches
Item Weight	1.06 ounces
Number of Ports	1
Power Plug Type	No Plug (passive device)
Manufacturer	Ugreen Group Limited

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official UGREEN website or contact UGREEN customer service directly. Contact details can typically be found on the product packaging or the UGREEN official website.