VEDINDUST 20230904

VEDINDUST HDMI Splitter Extend User Manual

Model: 20230904

Image: The VEDINDUST HDMI Splitter Extend device, a red compact unit with two HDMI output ports (OUT1 4K, OUT2 1080P) and two USB-A cables for input.

1. INTRODUCTION

The VEDINDUST HDMI Splitter Extend is designed to enhance your computing experience by allowing you to connect up to two external HDMI displays to a single computer. This device supports both screen mirroring and extended desktop modes, enabling efficient multitasking and expanded workspace. It is compatible with various Windows operating systems.

For optimal performance, please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

WARNING:

- Do not use this product in high temperature, humid or corrosive environments.
- Avoid exposing the product to extreme temperatures or corrosive substances.
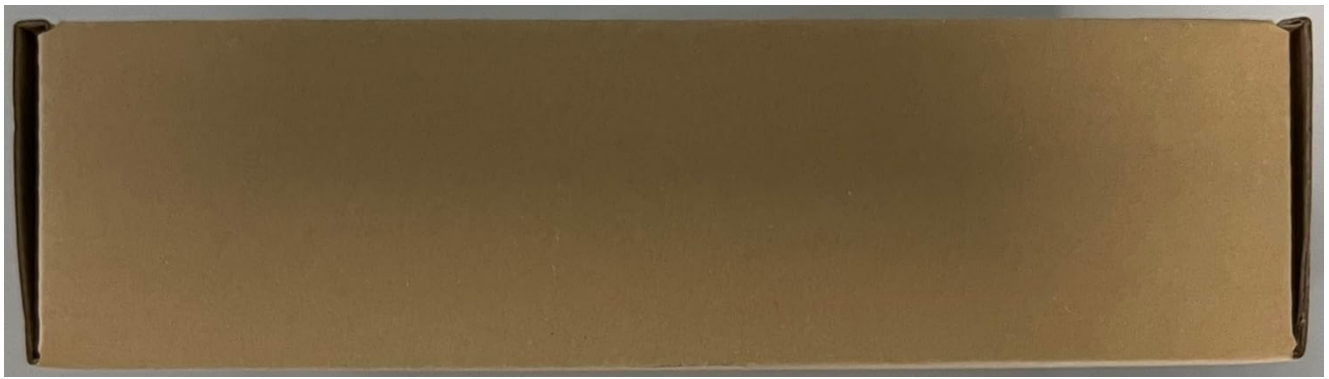- This product is designed for indoor use only.

Image: Product box displaying safety warnings in multiple languages (UK, DE, FR, IT, ES, NL, BE, TR, SE, PL) and manufacturer details at the bottom.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

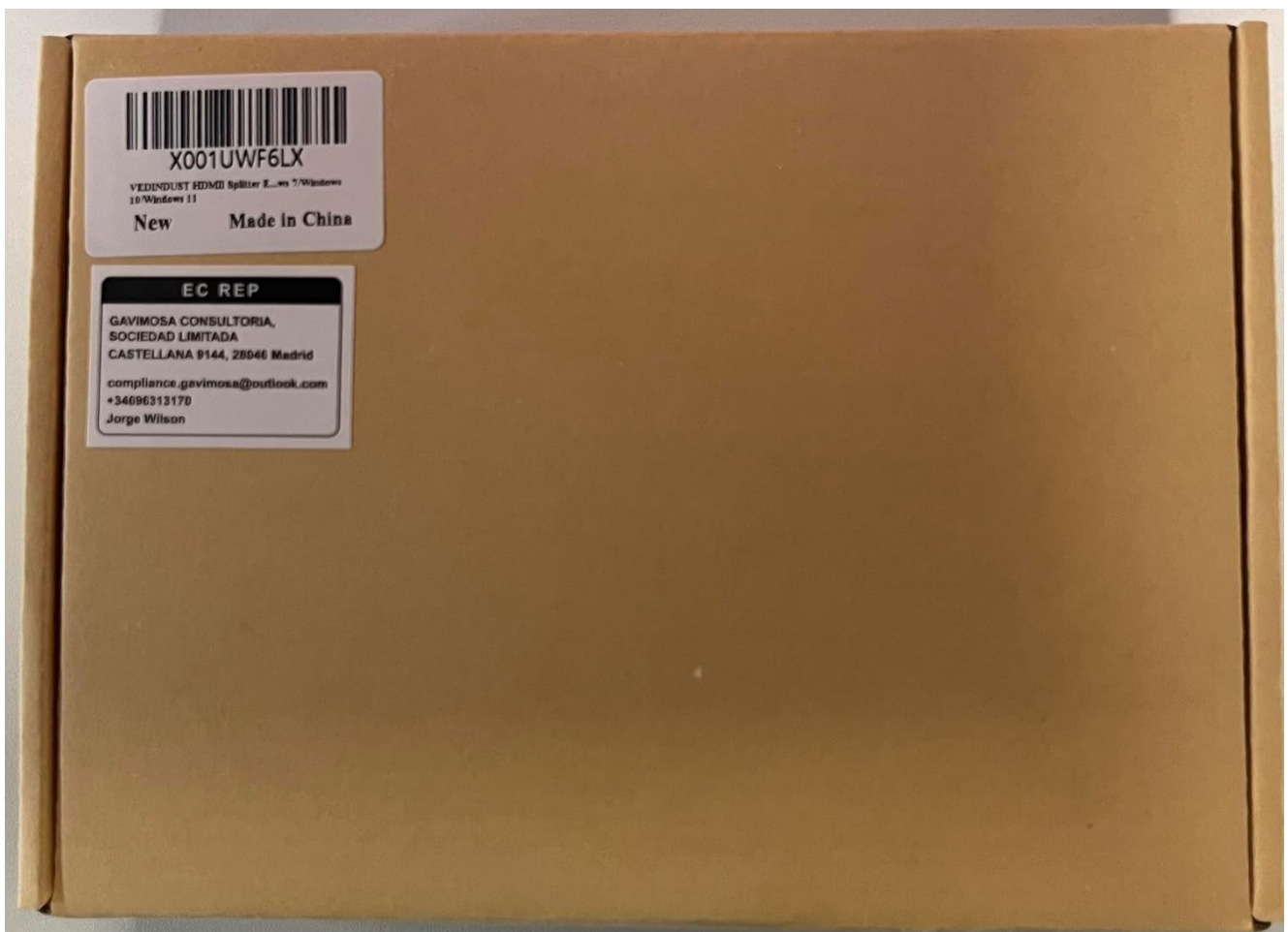- 1 x VEDINDUST HDMI Splitter Extend
- 1 x USB A-A Cable
- 1 x User Manual

Image: Contents of the product package, showing the red HDMI splitter, a black USB A-A cable, and a white user manual.

4. SETUP INSTRUCTIONS

4.1 System Requirements

This HDMI splitter is compatible with the following Windows operating systems:

- Windows XP
- Windows VISTA
- Windows 7
- Windows 10
- Windows 11

Note: For better compatibility, please use a Windows PC. macOS, Linux, and Chrome OS are not supported.

Package Contents

51mm(2in)

58mm(2.3in)

20mm(0.7in)

1. HDMI Splitter

2. USB A–A cable

3. User manual

Image: Diagram illustrating system compatibility, showing a green checkmark for Windows PC and red crosses for macOS, Linux, and Chrome OS, indicating non-support.

4.2 Driver Installation

Before using the device, the **USBDISPLAY** driver must be installed. The program needs to run on the integrated graphics card of your computer.

- Locate the driver software (typically provided on a mini-CD or available for download from the manufacturer's website).
- Run the installer and follow the on-screen prompts to complete the installation.

- For Windows 11 systems, you may need to add the driver to your antivirus whitelist and PC Manager whitelist to ensure proper functionality.

4.3 Connecting the Device

Follow these steps to connect the HDMI splitter to your computer and monitors:

1. Connect the **USB IN** port of the HDMI splitter to a USB port on your computer using the provided USB A-A cable.
2. Connect the **HDMI IN** port of the HDMI splitter to an HDMI output port on your computer.
3. Ensure both the USB port and HDMI IN port are connected to the *same computer.*
4. Connect your primary monitor to the **OUT 1 (4K)** port on the HDMI splitter using an HDMI cable.
5. Connect your secondary monitor to the **OUT 2 (1080P)** port on the HDMI splitter using an HDMI cable.
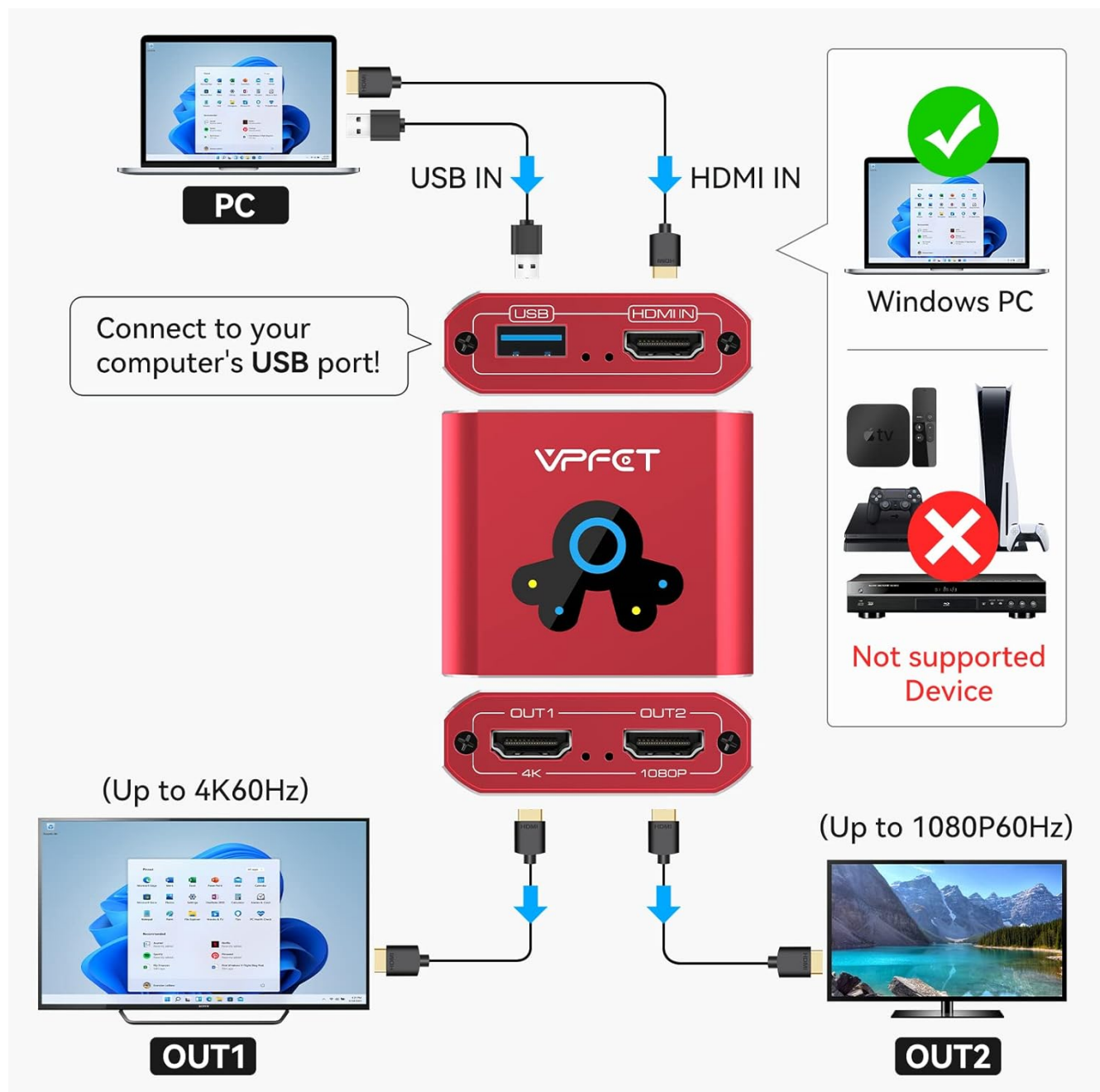

Image: Detailed diagram showing the connection flow: PC to HDMI Splitter via USB IN and HDMI IN, then HDMI Splitter to two monitors via OUT1 (4K) and OUT2 (1080P). It also indicates compatibility with Windows PC and non-compatibility with other devices like Apple TV or PlayStation.

5. OPERATING MODES

The VEDINDUST HDMI Splitter Extend supports various display modes to suit your needs:

5.1 Screen Copy (Mirror) Mode

In this mode, your computer's display is duplicated across both connected external monitors. All three screens (laptop, OUT1, OUT2) will show the same content.

Image: Illustration of A-B-B Extended Mode 1, where the laptop screen (A) is mirrored to both external monitors (B and B), displaying identical content.

5.2 Screen Expansion (Extend) Mode

This mode allows you to extend your desktop across multiple displays, providing more screen real estate for multitasking. You can configure different content on each screen.
There are several configurations for extended mode:

- **A-B-C Extended Mode:** Your laptop screen (A) displays one content, the first external monitor (B) displays different content, and the second external monitor (C) displays yet another different content. This allows for

three distinct displays.

Image: Diagram showing A-B-C Extended Mode 2, where the laptop (A) and two external monitors (B and C) each display unique content, expanding the desktop workspace.

- **A-A-B Extended Mode:** Your laptop screen (A) and the first external monitor (A) display the same content, while the second external monitor (B) displays different content. This is useful for sharing content on one screen while working on another.

HDMI **Extended** Work Mode

Expand different screens, improve work efficiency.

Image: Diagram showing A-A-B Extended Mode 3, where the laptop (A) and one external monitor (A) mirror each other, and the second external monitor (B) displays different content, enhancing work efficiency.

To set up screen duplication or expansion, navigate to your computer's display settings (e.g., right-click on desktop > Display settings in Windows) and configure the monitors as desired.

Wide system compatibility

Support Windows/XP/Vista/WIN7/WIN10/WIN11

Input

Windows PC

✅ Windows ❌ macOS ❌ Linux ❌ Chrome OS

Output

Monitor   TV   Projector

Note:
For better compatibility, please use Windows PC!

Image: Visual representation of the HDMI Extended Work Mode, demonstrating how different screens can display varied content to improve work efficiency, with a laptop and two external monitors.

5.3 Resolution Support

- **OUT 1 Port:** Supports up to 4K@60Hz resolution.
- **OUT 2 Port:** Supports up to 1080P@60Hz resolution.

Important Note on Resolution:
The output resolution is dependent on the USB version of the port you connect to on your computer:

- Connecting to a computer's **USB 3.0 port** will allow for 1080P resolution output.
- Connecting to a computer's **USB 2.0 port** will result in 720P resolution output.

6. MAINTENANCE

The VEDINDUST HDMI Splitter Extend features a durable aluminum metal housing designed for effective heat dissipation and electromagnetic compatibility, contributing to a longer product lifespan.

- Keep the device clean by wiping it with a soft, dry cloth.
- Avoid exposing the device to liquids or excessive dust.
- Do not attempt to disassemble or repair the device yourself.

7. TROUBLESHOOTING

- **No Display / Incorrect Resolution:**
  - Ensure the USBDISPLAY driver is correctly installed and running.
  - Verify that both the USB and HDMI IN cables are securely connected to the same computer.
  - Check your computer's display settings to ensure monitors are detected and configured for mirror or extend mode.
  - Confirm the USB port version on your computer (USB 3.0 for 1080P, USB 2.0 for 720P).
  - For Windows 11, ensure the driver is whitelisted in your antivirus and PC Manager software.

- **No Audio:**
  - Check your computer's sound settings to ensure the correct audio output device is selected.
  - Verify that your monitors or connected audio devices have their volume turned up.

- **Intermittent Connection:**
  - Ensure all cables are firmly connected.
  - Try using different HDMI or USB cables to rule out cable issues.
  - Avoid placing the device near strong electromagnetic interference sources.

If you encounter any problems with your product that are not resolved by the above steps, please contact VEDINDUST customer support for professional solutions.

8. SPECIFICATIONS

Feature	Specification
Model Number	20230904
Brand	VEDINDUST
Compatible Devices	Monitor, PC
Connector Type	HDMI
Number of Ports	2 (HDMI OUT)
Output 1 Resolution	Up to 4K@60Hz
Output 2 Resolution	Up to 1080P@60Hz
Video Bandwidth (OUT1)	Up to 18Gbps
Video Bandwidth (OUT2)	Up to 3.2Gbps
Housing Material	Aluminum, Metal

Item Weight	0.17 Kilograms
Package Dimensions	14.5 x 7.7 x 5.4 cm
Date First Available	21 September 2023
Current Rating	10 Amps
Power Plug Type	No Plug

9. WARRANTY AND SUPPORT

For any product-related issues or inquiries, please contact VEDINDUST customer support. The manufacturer is Shenzhen Videoperfect Technology Co., Ltd.

Contact information for the manufacturer (as seen on packaging):

- **Manufacturer:** Shenzhen Videoperfect Technology Co., Ltd.
- **Address:** Zone A, 4th Floor, Lilian technology Building, Jiaziang Community, Fenghuang Street, Guangming District, Shenzhen.
- **E-mail:** service@video-perfects.com

Please refer to your purchase documentation for specific warranty terms and conditions.

Related Documents - 20230904

USER MANUAL HDMI Splitter Dual Monitor 1 to 2 out (OUT1 4K / OUT2 1080P)	[HDMI Splitter Dual Monitor User Manual - VEDINDUST SP911](#) Comprehensive user manual for the VEDINDUST SP911 HDMI Splitter Dual Monitor. Provides detailed information on safety precautions, product features, technical specifications, panel layout, wiring diagrams, driver installation for Windows, and usage instructions, including troubleshooting for 4K and 1080P output.
USER MANUAL HDMI Audio Extraction 3.5mm,L/R,Optical&Coaxial	[HDMI Audio Extractor User Manual](#) User manual for the HDMI Audio Extractor, detailing its features, specifications, panel description, EDID settings, wiring diagram, and troubleshooting.
USER MANUAL Dual Monitor KVM Switch 2x2 4K60Hz USB-C	[VEDINDUST Dual Monitor KVM Switch 2x2 4K60Hz USB-C User Manual](#) Comprehensive user manual for the VEDINDUST Dual Monitor KVM Switch 2x2, featuring 4K60Hz resolution and USB-C connectivity. It covers safety precautions, features, specifications, package contents, connection diagrams, and troubleshooting.

USER MANUAL Dual Monitor KVM Switch 2x2 8K60Hz USB-C	[VEDINDUST Dual Monitor KVM Switch 2x2 8K60Hz USB-C User Manual](#) Comprehensive user manual for the VEDINDUST Dual Monitor KVM Switch 2x2, featuring 8K60Hz resolution and USB-C connectivity. This guide details safety precautions, product features, technical specifications, package contents, connection diagrams for HDMI and DisplayPort setups, and troubleshooting steps for seamless operation of two computers with shared peripherals.
USER MANUAL 3.5mm Stereo Audio Selector Switch Box Bi-Directional 2 Ports Audio Splitter Box (1 In 2 Out/ 2 In 1 Out)	[3.5mm Stereo Audio Selector Switch Box User Manual](#) User manual for the VEDINDUST 3.5mm Stereo Audio Selector Switch Box, a bi-directional 2-port audio splitter. This guide details safety instructions, package contents, specifications, features, panel description, connection diagrams, and usage modes for the audio switcher.