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› KVM Switch 2 Computers 2 Monitors, KCEVE Dual Monitor HDMI KVM Switcher USB 3.0 Version, 4K@60Hz HD Resolution, Support Copy and Extended Display, with EDID Function to Keep Window in Right Place 2 IN 2 OUT USB 3.0 (With EDID) - User Manual

## AIMOS AM202ASNEW

# KCEVE Dual Monitor HDMI KVM Switcher USB 3.0 Version

Model: AM202ASNEW | Brand: AIMOS

### INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your KCEVE Dual Monitor HDMI KVM Switcher USB 3.0 Version. This device allows you to control two computers using a single set of USB keyboard and mouse, while sharing two monitors. It supports high-definition resolutions up to 4K@60Hz and features an EDID emulator function to ensure stable display information during switching. Please read this manual thoroughly before use to ensure proper functionality and longevity of your device.



Image: The KCEVE Dual Monitor HDMI KVM Switcher, showcasing its compact design and various ports, along with the included USB and HDMI cables.

## PRODUCT FEATURES

- **Dual Monitor KVM USB 3.0 Switch:** Controls 2 computers to share 2 monitors using 1 set of USB keyboard & mouse. Supports copy mode (main screen copied to secondary) and extended mode (window dragged to second screen).
- **EDID Emulator Function:** Equipped with EDID emulators in each input port to maintain correct display information when switching between PC1 and PC2, preventing window rearrangement.
- **4 USB 3.0 Ports:** Features four USB 3.0 ports for sharing peripherals such as mouse, keyboard, USB printers, and scanners. USB 3.0 ensures faster and more stable data transfer.
- **Two Switching Methods:** Supports switching via a physical button on the device and a wired remote control for convenience. Hotkey switching via keyboard is not supported.
- **Ultra HD 4K Visual Enjoyment:** Supports resolutions up to 3840x2160@60Hz, and is downward compatible with lower resolutions.

# 2 COMPUTERS SHARE 2 MONITORS

2 PC Share 2 Monitors and a set of keyboard and mouse

Support **4K HD** resolution:

4K x 2K (3840x 2160@ 60Hz); 4K x 2K (2560× 1600@ 60Hz);  
1920×1440 @ 144hz/120hz/60hz; 1920×1200 @ 144hz/120hz/60hz



**Noted:** please use HDMI 2.0 cable to achive 4K@60 resolution

Image: Illustration of the KVM switch connecting two computers to two monitors, highlighting its 4K HD resolution support.

## PACKING LIST

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

- 1x KVM Switch Unit
- 1x User Manual
- 1x Wired Remote (1.5M)
- 2x HDMI 2.0 Cables (1.5M)
- 2x USB 3.0 Cables (1.5M)
- 1x Power Cable (1.5M)

**Note:** Only 2 HDMI 2.0 cables are provided. You will need a total of 6 HDMI 2.0 cables for a full dual monitor setup with two

computers (2 HDMI inputs per computer, 2 HDMI outputs to monitors). Please prepare the remaining 4 HDMI 2.0 cables yourself.



Image: Visual representation of all items included in the KVM Switch package, such as the main unit, cables, user manual, and wired remote.

## SETUP INSTRUCTIONS

Follow these steps to properly set up your KVM Switch:

- 1. Power Off Devices:** Ensure both computers and monitors are powered off before making any connections.
- 2. Connect Computers to KVM:**
  - For PC1: Connect two HDMI cables from PC1's HDMI output ports to the KVM's 'INPUT A1' and 'INPUT B1' ports. Connect one USB 3.0 cable from PC1's USB port to the KVM's 'USB3.0' port under PC1.
  - For PC2: Connect two HDMI cables from PC2's HDMI output ports to the KVM's 'INPUT A2' and 'INPUT B2' ports. Connect one USB 3.0 cable from PC2's USB port to the KVM's 'USB3.0' port under PC2.

- 3. Connect Monitors to KVM:** Connect one HDMI cable from Monitor 1 to the KVM's 'OUT A' port. Connect one HDMI cable from Monitor 2 to the KVM's 'OUT B' port.
- 4. Connect Peripherals:** Plug your USB keyboard, USB mouse, and any other USB 3.0 devices (e.g., printer, U disk) into the designated USB 3.0 ports on the front of the KVM switch.
- 5. Connect Wired Remote:** If desired, plug the wired remote control into the 'Wired Remote' port on the front of the KVM switch.
- 6. Power On:** Once all connections are secure, power on your monitors, then your computers. The KVM switch does not typically require an external power adapter for normal USB devices, but if USB recognition is unstable, connecting a 5V power adapter (not provided) to the DC/5V port is recommended.

**Noted:** Only 2 HDMI 2.0 cables provided, you will need 6 HDMI cables totally. Please prepare the rest 4 HDMI 2.0 cables yourself. Because each computer needs 2 HDMI connection, so 6 HDMI cables is required to make 2 monitor display correctly. Please make sure your computer has 2 HDMI port before purchase.

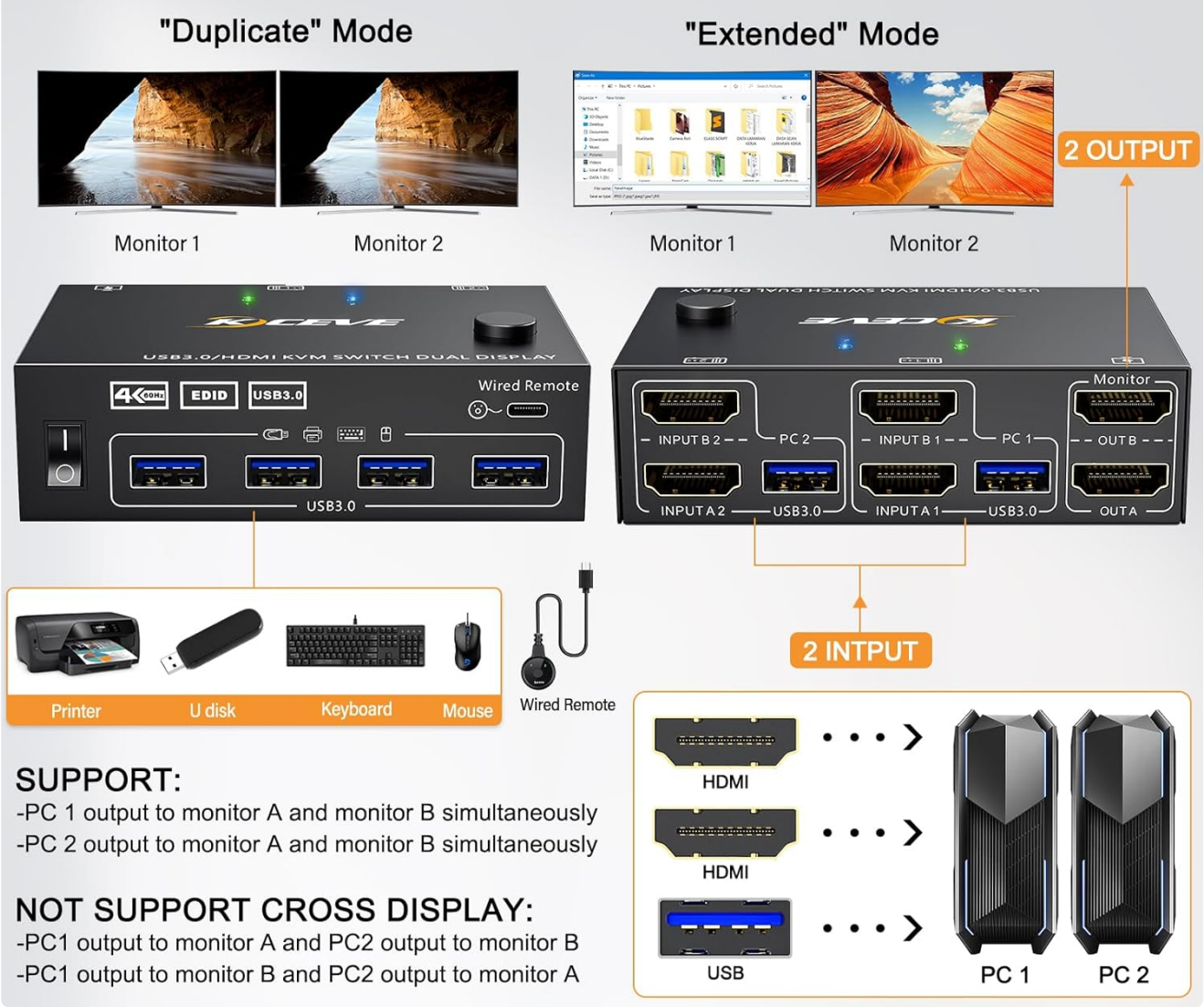


Image: A detailed diagram illustrating how to connect two computers and two monitors to the KVM switch, including HDMI and USB 3.0 connections, and peripheral ports.

## Switching Methods

The KVM switch offers two convenient ways to switch between connected computers:

- **Physical Button Control:** Press the button on the top of the KVM switch to toggle between PC1 and PC2. The LED indicators will show which computer is currently active.
- **Wired Remote Control:** Use the included wired remote to switch between computers. This allows for flexible placement of the KVM switch while keeping the control accessible.

**Note:** This KVM switch does not support keyboard hotkey switching.



Image: Demonstrates the two available switching methods: pressing the physical button on the KVM unit and using the external wired remote control.

## Display Modes (Copy and Extended)

The KVM switch supports two primary display modes for your monitors:

- **Copy Mode (Duplicate Display):** In this mode, both monitors display the exact same content from the selected computer. This is useful for presentations or mirroring your workspace.

- **Extended Mode:** This mode extends your desktop across both monitors, providing a larger workspace. You can drag windows between the two screens, and the mouse can seamlessly move across both monitors.

To configure display settings (e.g., duplicate or extend), use your computer's operating system display settings (e.g., press **Windows key + P** on Windows and select the desired option).

Press keyboard key



"Windows" + "P" key to make the setting to your computer,

In "EXTEND" mode, working window from the main screen can be dragged to the second output screen by mouse, that means mouse can cross between 2 monitors.

In "Duplicated" mode, 2 monitor will display same image simultaneously from PC1 or PC2

## 2 DISPLAY MODES



Extended Mode



Copy Mode

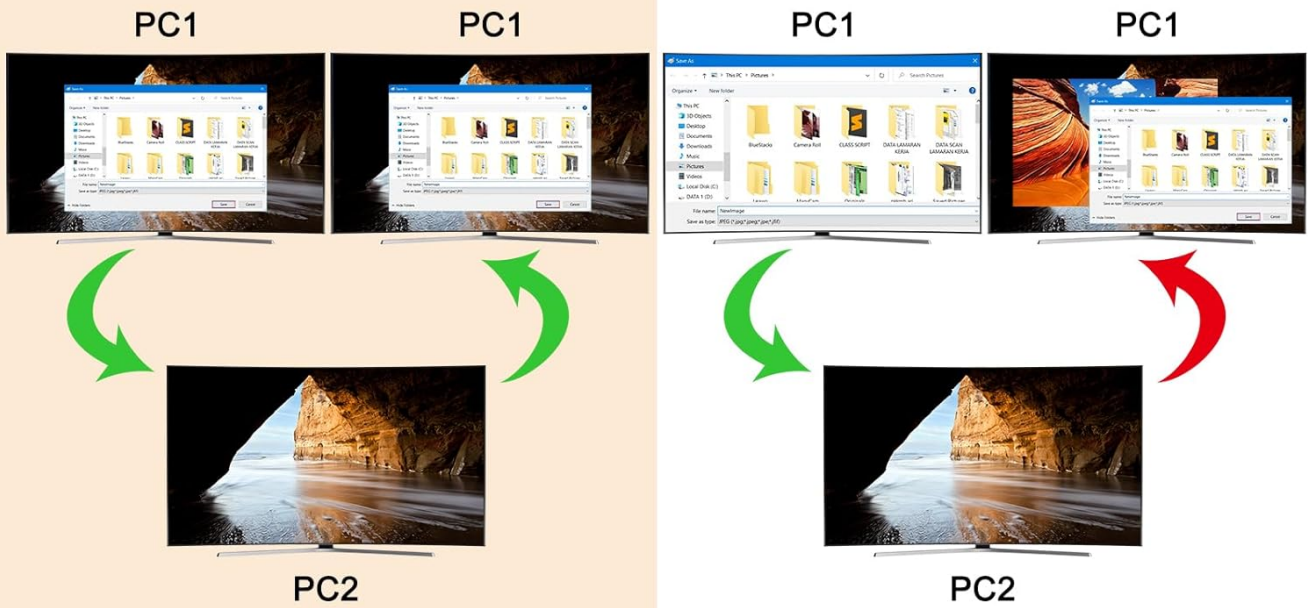
Image: Illustrates the difference between Extended Mode, where the desktop spans two monitors, and Copy Mode, where both monitors display identical content.

### EDID Emulator Function

The KVM switch incorporates an EDID (Extended Display Identification Data) emulator. This function ensures that your computers always receive correct display information, even when you switch between them. This prevents issues like windows resizing or rearranging themselves when you switch back to a previously active computer, providing a smoother user experience.

# SIMULATE THE EDID OF THE DISPLAY

and keep windows in the same place after switch back to PC1/PC2



With simulation EDID

No simulation EDID

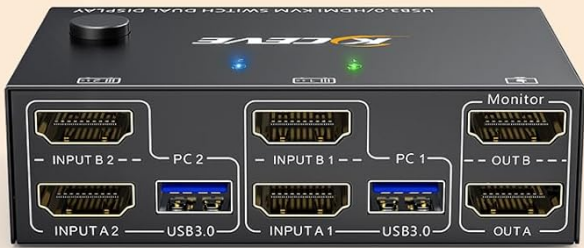


Image: A visual comparison demonstrating how the EDID simulation feature keeps windows in their correct positions after switching between PCs, unlike systems without EDID.

## MAINTENANCE

To ensure the longevity and optimal performance of your KVM switch, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. Avoid using liquid cleaners or abrasive materials, as they may damage the surface or internal components.
- **Ventilation:** Ensure the KVM switch is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Cable Management:** Keep cables organized and free from kinks or excessive bends to prevent damage to the cables and ports.
- **Storage:** When not in use for extended periods, store the device in a cool, dry place away from direct sunlight and extreme temperatures.

## TROUBLESHOOTING

If you encounter issues with your KVM switch, refer to the following common problems and their solutions:

Problem	Possible Cause / Solution
Slow switching speed or keyboard/mouse lag after switching.	Windows power management settings may be turning off USB devices to save power. Go to Device Manager, find "USB Root Hub" devices, right-click > Properties > Power Management tab, and uncheck "Allow the computer to turn off this device to save power." Apply this to keyboard and mouse devices as well if applicable.
USB devices (keyboard/mouse/peripherals) disconnect or are unstable.	Insufficient power supply. While not always required, if USB recognition is unstable, connect an external 5V power adapter (not provided) to the DC/5V port on the KVM switch to provide sufficient power. Ensure all cables are securely connected.
Bluetooth mouse and keyboard experience delay.	Bluetooth devices may introduce latency with KVM switches. It is generally not recommended to use Bluetooth mouse and keyboard with this KVM switch for optimal performance. Wired USB keyboard and mouse are preferred.
Mouse not detected or not working correctly after computer boot-up or switching.	Try unplugging and re-plugging the mouse USB cable into the KVM switch. Ensure the USB 3.0 cable connecting the computer to the KVM is secure. If using an older computer, compatibility issues might arise; try a different USB port or a different mouse.
No display or incorrect resolution on monitors.	Ensure all HDMI cables are securely connected to both the KVM switch and the monitors/computers. Verify that you are using HDMI 2.0 cables for 4K@60Hz resolution. Check your computer's display settings to ensure the correct resolution and display mode (duplicate/extend) are selected.

## SPECIFICATIONS

Feature	Detail
Model Number	AM202ASNEW
Product Dimensions	4.01 x 2.57 x 1.16 inches
Item Weight	1.41 Pounds
Operation Mode	ON-OFF
Current Rating	2 Amps
Operating Voltage	5 Volts
Connector Type	HDMI, USB
Circuit Type	2-way
Mounting Type	Rack Mount
Max Resolution Support	3840x2160@60Hz (4K@60Hz)
USB Standard	USB 3.0

## WARRANTY AND SUPPORT

Your KCEVE Dual Monitor HDMI KVM Switcher comes with a one-year guarantee from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as described under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact the manufacturer or seller through the platform where you purchased the product. Provide your product model number (AM202ASNEW) and a detailed description of the issue to facilitate a quicker resolution.