Camgeet 4K KVM 4 PC

Camgeet 4 Port HDMI KVM Switch User Manual

Model: 4K KVM 4 PC

1. PRODUCT OVERVIEW

The Camgeet 4 Port HDMI KVM Switch allows you to control up to four computers using a single monitor, keyboard, and mouse. This device supports high-resolution video output up to 4K@60Hz and features EDID simulation to maintain display settings when switching between connected systems. It also includes four USB 3.0 ports for sharing peripherals like printers, USB drives, and other USB devices.

Image: The KVM switch enables four computers to share one monitor and a single set of keyboard and mouse, simplifying your workspace.

Key Features:

- **4-Port HDMI KVM Functionality:** Control four computers from one console (monitor, keyboard, mouse).

- **EDID Simulation:** Automatically stores and simulates the display's EDID, preventing window rearrangement and ensuring consistent display settings when switching.

- **Ultra HD Video Output:** Supports resolutions up to 4K@60Hz and is backward compatible with 4K@30Hz and 2560*1440@120Hz.

- **USB 3.0 Hub:** Four integrated USB 3.0 ports allow sharing of USB peripherals with data transfer speeds up to 5Gbps.

- **Broad Compatibility:** Plug-and-play operation with Windows, Mac OS, Linux, and Chrome OS. Compatible with various HDMI source devices.

- **Flexible Switching:** Switch between computers using the front panel button or the included wired remote control.

- **Stable Power Supply:** Includes a 12V power adapter for stable operation, especially with high-power USB

devices. Features an ON-OFF switch for convenience.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1x Camgeet USB 3.0 KVM Switch

- 4x USB 3.0 Cable (1.5 meters)

- 1x HDMI 2.0 Cable (1.5 meters)

- 1x Wired Remote Control (1.5 meters)

- 1x 12V Power Adapter

- 1x User Manual

Image: The complete packing list, showing the KVM switch unit, four USB 3.0 cables, one HDMI 2.0 cable, a wired remote, a power adapter, and the user manual.

3. Setup Instructions

Follow these steps to connect your Camgeet 4 Port HDMI KVM Switch:

Image: Detailed connection diagram illustrating how to connect your monitor, four PCs, USB devices, and power adapter to the KVM switch.

1. **Power Off Devices:** Ensure all computers and your monitor are powered off before making any connections.

2. **Connect Monitor:** Connect your monitor to the HDMI OUT port on the KVM switch using the provided HDMI 2.0 cable.

3. **Connect Computers:** For each of the four computers (PC1, PC2, PC3, PC4):
   - Connect an HDMI cable (not all included) from the computer's HDMI output to the corresponding HDMI IN port on the KVM switch (e.g., PC1 HDMI IN).
   - Connect a USB 3.0 cable from the computer's USB 3.0 port to the corresponding USB 3.0 IN port on the KVM switch (e.g., PC1 USB 3.0 IN).

4. **Connect Peripherals:** Connect your keyboard, mouse, printer, U disk, or other USB 3.0 devices to the USB 3.0 OUT ports on the front panel of the KVM switch.

5. **Connect Wired Remote:** Plug the wired remote control into the dedicated port on the KVM switch.

6. **Connect Power Adapter:** Connect the 12V power adapter to the DC 12V port on the KVM switch, then plug it into a power outlet.

7. **Power On:** Turn on the KVM switch using the ON/OFF switch, then power on your monitor and computers.

4. OPERATING INSTRUCTIONS

Switching Between Computers:

The Camgeet KVM switch offers two methods for switching between connected computers:

- **Front Panel Button:** Press the 'SELECT' button on the front panel of the KVM switch to cycle through the connected computers (PC1, PC2, PC3, PC4). The LED indicators (L1, L2, L3, L4) will illuminate to show which computer is currently active.

- **Wired Remote Control:** Use the included wired remote control to switch between computers. Press the corresponding button on the remote for the desired PC.

Two Switching Methods

Button Switch

Wired Remote Control(1.5m)

Image: Illustration of the two switching methods: using the physical button on the KVM unit or the convenient wired remote control.

EDID Simulation:

The KVM switch features EDID (Extended Display Identification Data) simulation. This technology allows the KVM to store the resolution and refresh rate of your display. When you switch between computers, the KVM maintains this information, preventing your operating system from detecting a display disconnection. This ensures that your window positions remain unchanged, avoiding the need to rearrange them after switching.
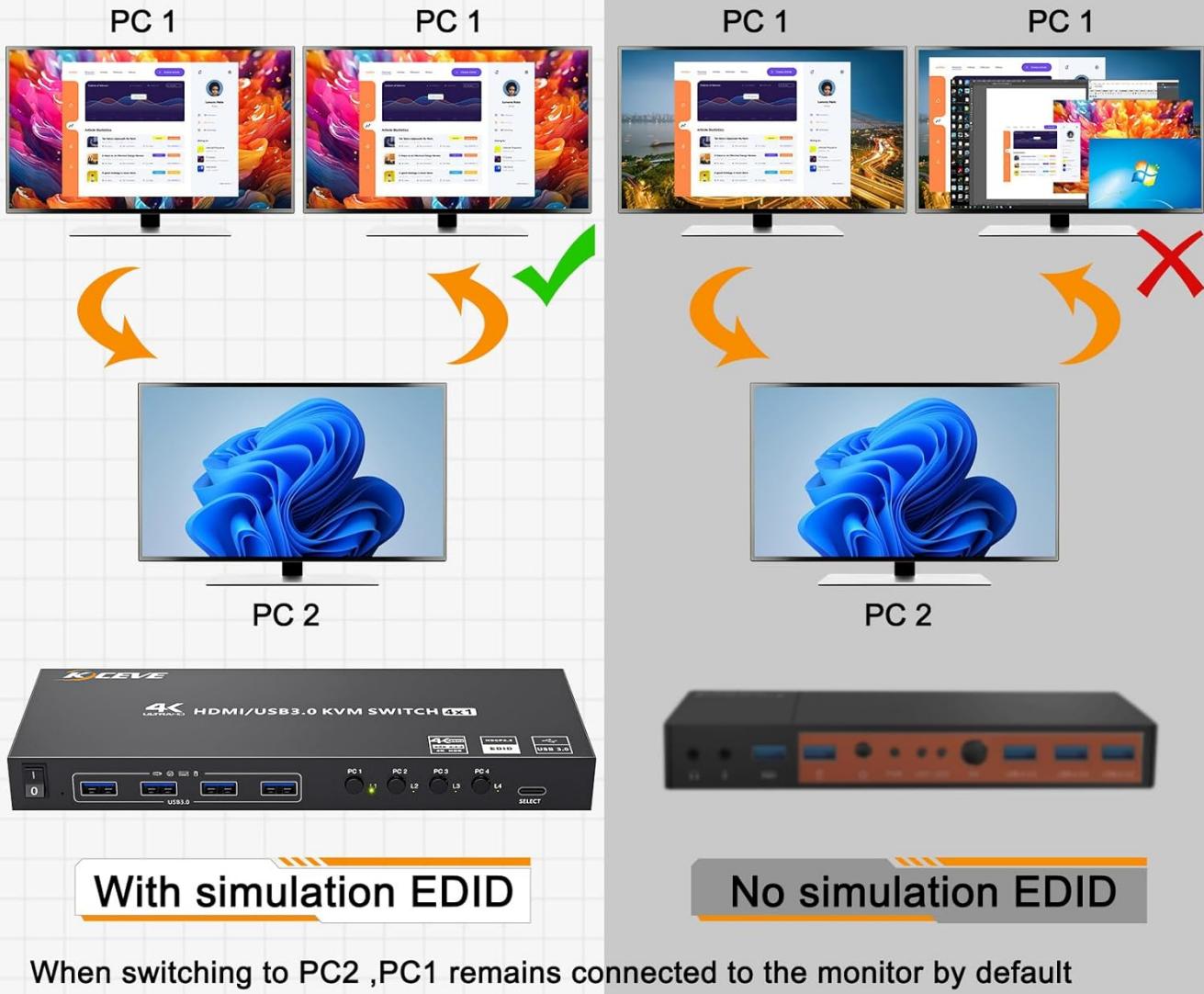
Image: Visual demonstration of EDID simulation, showing how window positions are preserved when switching between PCs, unlike systems without EDID simulation.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Camgeet KVM switch, please observe the following maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or abrasive materials.

- **Environment:** Place the KVM switch in a well-ventilated area, away from direct sunlight, excessive heat, moisture, and dust.

- **Power Management:** Utilize the ON/OFF switch on the device to power it down when not in use for extended periods. This eliminates the need to unplug cables.

- **Cable Management:** Ensure all cables are securely connected and not under undue strain. Avoid sharp bends or kinks in the cables.

6. Troubleshooting

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

- **No Display/Flickering Screen:**
  - Ensure all HDMI cables are securely connected to both the KVM switch and your computers/monitor.
  - Verify that your computers support the selected resolution (e.g., 4K) and that you are using HDMI 2.0 compatible cables.
  - Try restarting the KVM switch and the connected computers.
  - If using an ultrawide monitor, ensure your computer's graphics settings are configured correctly for the KVM's supported resolutions. Note that some ultrawide resolutions or variable refresh rates (like G-Sync/FreeSync) may not be fully supported.

- **Keyboard/Mouse Not Responding:**
  - Check that the USB 3.0 cables from the computers to the KVM switch are firmly connected.
  - Ensure your keyboard and mouse are connected to the correct USB 3.0 OUT ports on the KVM switch.
  - If using a wireless keyboard/mouse, ensure the USB receiver is plugged into one of the USB 3.0 OUT ports.
  - Some high-power USB devices may require the KVM's power adapter to be connected for stable operation.

- **Window Positions Rearrange After Switching:**
  - The KVM switch is designed with EDID simulation to prevent this. Ensure the KVM is powered on and functioning correctly. If the issue persists, try power cycling the KVM and monitor.

- **Slow USB Data Transfer:**
  - Ensure you are using USB 3.0 compatible devices and cables. USB 2.0 devices will operate at USB 2.0 speeds.

7. Specifications

| Feature	Specification
Model Number	4 Port HDMI KVM Switch
Product Dimensions	8.03 x 3.07 x 0.87 inches
Weight	12.7 ounces
Video Resolution	Up to 4K@60Hz, 2560*1440@120Hz
USB Standard	USB 3.0 (up to 5Gbps)
HDMI Standard	HDMI 2.0
Power Supply	12V Power Adapter (included)
Switching Methods	Front Panel Button, Wired Remote Control

Operating System Compatibility	Windows, Mac OS, Linux, Chrome OS
Manufacturer	Camgeet

8. WARRANTY AND SUPPORT

Camgeet provides a **1-year warranty** for this USB 3.0 KVM Switch, along with **lifetime technical support**.

If you encounter any issues or have questions regarding the product, please contact Camgeet customer support for assistance. Refer to the contact information provided with your purchase or visit the official Camgeet website for support details.

Related Documents - 4K KVM 4 PC

	[TESmart HKS201-E23/HKS401-E23 2-Port KVM Switch with USB 3.0 Docking Station - User Manual](#) User manual detailing the features, specifications, installation, and usage of the TESmart HKS201-E23 and HKS401-E23 2-port KVM switch kits, which include HDMI 4K60Hz support and USB 3.0 docking station capabilities for controlling two PCs.
	[Camgeet KVM Switch FAQ and Troubleshooting Guide](#) Comprehensive FAQ and troubleshooting guide for the Camgeet 8K USB 3.0 KVM Switch (model KC-KVM8201). Covers connectivity, resolution support (8K@60Hz, 4K@120Hz), HDMI 2.1 features, USB 3.0 sharing, and solutions for common issues like monitor flickering and wireless device interference.
	[Rackmount KVM Console User Manual - 8 Port / 16 Port](#) Comprehensive user manual for the Kinan Rackmount KVM Console (8 Port / 16 Port). This guide details hardware installation, console operation, On-Screen Display (OSD) functions, troubleshooting, and technical specifications for models LH1708 and LH1716. Features include a 17.3-inch FHD TFT monitor, 1U rackmount design, and multi-platform support.
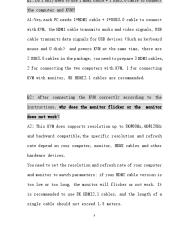
	[Kinan Rackmount KVM Console User Manual: 8/16/24/32 Port Models](#) Comprehensive user manual for Kinan Rackmount KVM Consoles (8, 16, 24, and 32 port models). Covers installation, operation, OSD functions, and specifications for IT professionals.
	[StarTech.com 4/8/16 Port 1U Rack Mount VGA USB KVM Switch with OSD - User Manual](#) Detailed user manual for the StarTech.com 4/8/16 Port 1U Rack Mount VGA USB KVM Switch with OSD (models SV431DUSBU, SV831DUSBU, SV1631DUSBU). Learn about installation, operation, OSD features, specifications, and technical support.
	[TESmart HKS0201B2U KVM Switch Troubleshooting Guide](#) Comprehensive troubleshooting guide for TESmart KVM switches, including model HKS0201B2U. Covers common issues with hotkeys, keyboard/mouse, video signals, audio, and refresh rates/resolutions. Provides solutions and setup tips for 2-port HDMI KVM switches supporting 4K 60Hz, EDID, and USB 2.0 hub functionality.