

camgeet 403DH3

camgeet KVM Switch 3 Monitors 4 Computers User Manual

Model: 403DH3

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your camgeet KVM Switch. This device allows you to control up to four computers using a single set of keyboard, mouse, and three monitors. It supports high-resolution video output up to 4K@60Hz and features EDID simulation for a seamless user experience.

2. PRODUCT FEATURES

- **Triple Monitor Support:** Connects 4 computers to 3 monitors, supporting both extended and mirrored display modes. Extended mode displays three different screens, while mirrored mode displays three identical screens.
- **EDID Simulation:** Features EDID simulation to store display resolution and refresh rate, preventing window rearrangement when switching between computers.
- **High Resolution:** Supports video resolutions up to 4K@60Hz and 2K@120Hz, with backward compatibility for lower resolutions.
- **USB 3.0 Ports:** Equipped with four integrated USB 3.0 ports for ultra-fast 5Gbps data transmission, compatible with keyboards, mice, printers, and USB flash drives. Backward compatible with USB 2.0/1.1.
- **Broad Compatibility:** Driver-free operation for Windows, Mac, Linux, Unix, and Ubuntu operating systems. Supports various input devices including desktops, laptops, and mini PCs.
- **Flexible Switching:** Switch between computers using the front panel button or the included wired remote. LEDs indicate the active computer.
- **Independent Circuit Boards:** Three independent circuit boards (A, B, and C) allow flexible configurations for sharing 1, 2, or 3 monitors across 4 computers.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x camgeet Triple Monitor KVM Switch
- 4x USB 3.0 Cables (1.5m each)
- 1x Power Adapter
- 1x Wired Remote (1.5m)
- 1x User Manual

Packing List:

- ❶ 1x Triple monitor KVM Switch
- ❷ 4x USB3.0 Cable (1.5m)
- ❸ 1x Wired Remote (1.5m)
- ❹ 1x Power Adapter
- ❺ 1x User Manual

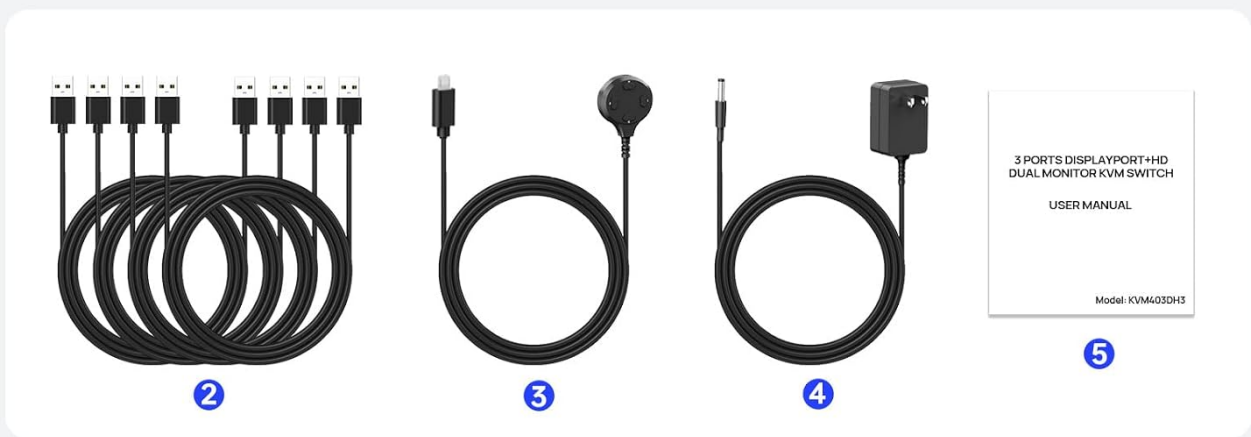


Figure 3.1: Package Contents and KVM Switch Dimensions

4. SETUP GUIDE

Follow these steps to connect your KVM switch:

1. **Power Off Devices:** Ensure all computers and monitors are powered off before making any connections.
2. **Connect Monitors to KVM:** Connect your three monitors to the KVM switch's output ports (OUT A, OUT B, OUT C) using appropriate HDMI and DisplayPort cables.

3. **Connect Computers to KVM (Video):** For each computer (PC1, PC2, PC3, PC4), connect its video outputs to the corresponding KVM input ports. Each PC requires 2 HDMI and 1 DisplayPort connection to the KVM for triple monitor display.
4. **Connect Computers to KVM (USB):** For each computer, connect one end of a USB 3.0 cable to a USB 3.0 port on your computer and the other end to the corresponding USB 3.0 input port on the KVM switch (INPUT A1, A2, A3, A4).
5. **Connect Peripherals:** Connect your keyboard, mouse, and other USB 3.0 peripherals (e.g., printer, USB flash drive) to the USB 3.0 ports on the front panel of the KVM switch.
6. **Connect Wired Remote:** Plug the wired remote into the designated port on the KVM switch.
7. **Power On:** Connect the power adapter to the KVM switch and then plug it into a power outlet. Power on the KVM switch, then your monitors, and finally your computers.

Important Note:

- Each PC requires 2 HDMI, 1 DisplayPort, and 1 USB cable connection to the KVM switch for proper triple monitor display.
- If your PC does not have the required 1 DisplayPort and 2 HDMI ports, adapters such as DP to HDMI, Mini DP to DP, USB-C to DP/HDMI, or a USB-C docking station may be used.

Each PC Needs 2*HDMI+1*DP+1*USB Cable to Connect with The KVM Switch



Figure 4.1: KVM Switch Connection Diagram

5. OPERATING INSTRUCTIONS

5.1 Switching Between Computers

You can switch between the connected computers using one of two methods:

- **Front Panel Button:** Press the corresponding PC1, PC2, PC3, or PC4 button on the front panel of the KVM switch to select the desired computer. The LED indicator above the button will illuminate to show the active computer.
- **Wired Remote:** Use the included wired remote control to switch between computers. Press the button on the remote to cycle through the connected PCs.

Easily switch between 4 computers



Figure 5.1: Switching Methods (Button and Wired Remote)

5.2 Display Modes

The KVM switch supports two primary display modes:

- **Extended Mode:** Displays three different screens across your monitors, allowing for an expanded desktop workspace.
- **Mirrored Mode:** Displays the same content on all three monitors.

You can typically switch between these modes using your computer's operating system display settings (e.g., Windows Key + P on Windows).

Two output modes are available



Choose 2 Display Modes by Shortcut



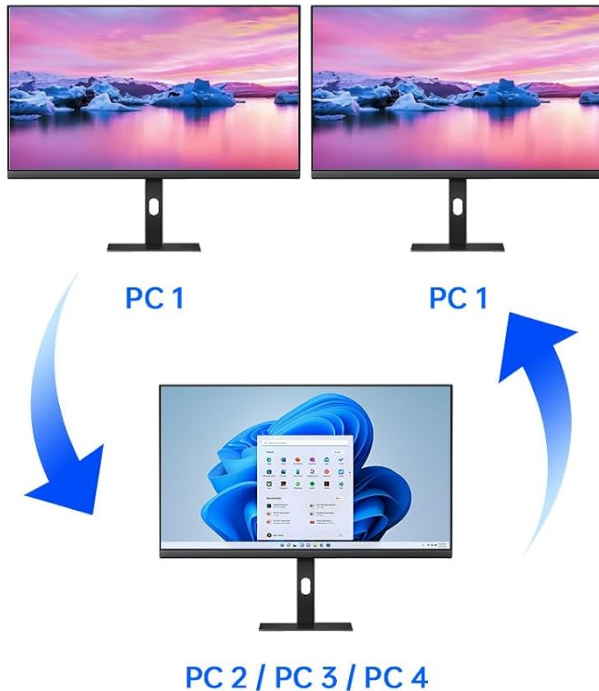
Figure 5.2: Extended and Mirrored Display Modes

5.3 EDID Emulation

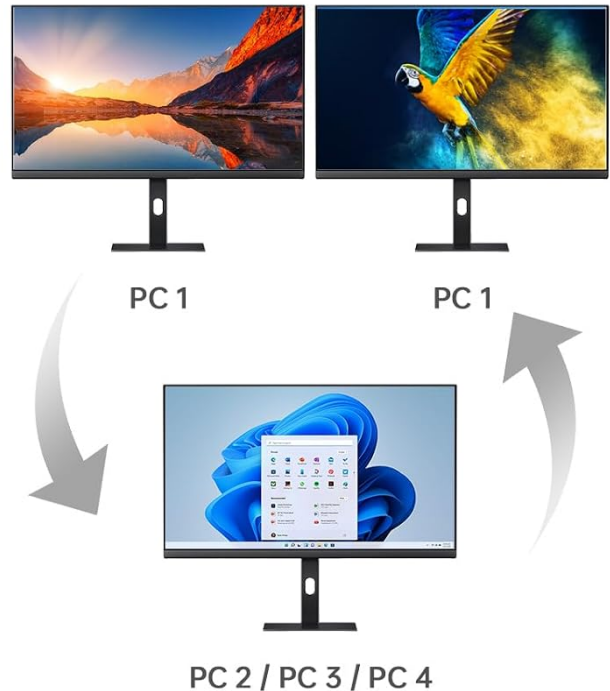
The KVM switch incorporates EDID (Extended Display Identification Data) emulation. This feature ensures that when you switch between computers, the KVM retains the display's resolution and refresh rate information. This prevents your windows from being rearranged or resized, providing a consistent desktop layout.

Support EDID Emulation

With simulation EDID



No simulation EDID



When switching to PC2/PC3/PC4 ,PC1 remains connected to the monitor by default

Figure 5.3: EDID Emulation Benefit

6. MAINTENANCE

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the KVM switch. Avoid using liquid cleaners or aerosols, which may damage the device.
- **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 bending to prevent damage and ensure stable connections.
- **Power Supply:** Use only the provided power adapter. If a replacement is needed, ensure it matches the original specifications (5V operating voltage, 2A current rating).

7. TROUBLESHOOTING

If you encounter issues with your KVM switch, refer to the following troubleshooting tips:

- **No Display on Monitors:**
 - Ensure all video cables (HDMI, DisplayPort) are securely connected between the computers, KVM switch, and monitors.
 - Verify that the KVM switch is powered on and the correct computer is selected.
 - Check monitor input sources to ensure they are set to the correct HDMI/DisplayPort input.
 - Try connecting monitors directly to a computer to rule out monitor issues.
- **Keyboard/Mouse Not Responding:**
 - Ensure the USB 3.0 cables are securely connected from each computer to the KVM switch.
 - Verify that the keyboard and mouse are plugged into the dedicated USB ports on the KVM switch.
 - Try connecting the keyboard and mouse directly to the computer to confirm they are functional.
 - Restart the KVM switch and the connected computers.
- **Window Rearrangement After Switching:**
 - The KVM switch features EDID simulation to prevent this. Ensure all connections are stable. If the issue persists, check for firmware updates (if available) or contact support.
- **Intermittent Connections:**
 - Check all cables for damage or loose connections. Replace any faulty cables.
 - Ensure the power adapter is securely connected and providing stable power.
 - Reduce cable lengths if possible, especially for high-resolution video.
- **4K@60Hz Not Achieved:**
 - Ensure your monitors and graphics cards support 4K@60Hz.
 - Use high-quality HDMI 2.0 and DisplayPort 1.2 (or higher) cables.
 - Check your computer's display settings to ensure the resolution and refresh rate are correctly configured.

8. SPECIFICATIONS

Model Number	403DH3
Product Dimensions	21 x 7.8 x 4.5 cm
Item Weight	580 Grams
Material	Metal
Operation Mode	ON-ON
Current Rating	2 Amps
Operating Voltage	5 Volts
Connector Type	Plug In
Switch Type	Push Button

Circuit Type	4-way
Mounting Type	Surface Mount
Number of Positions	4
Upper Temperature Rating	70 Degrees Celsius
Control Method	Remote
International Protection Rating	IP54
Specification Met	CE
UPC	014679211681

9. WARRANTY AND SUPPORT

The camgeet KVM Switch comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product functions as intended under normal use.

For technical support, troubleshooting assistance, or warranty claims, please contact camgeet customer service. Refer to the contact information provided with your product or visit the official camgeet website for support details.

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