

## MT-VIKI MT-KH2S3

# MT-VIKI USB 3.0 HDMI KVM Switch (Model MT-KH2S3) User Manual

Brand: MT-VIKI | Model: MT-KH2S3

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## 1. INTRODUCTION

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The MT-VIKI USB 3.0 HDMI KVM Switch (Model MT-KH2S3) is designed to allow two computers to share a single monitor, keyboard, mouse, and up to two additional USB 3.0 devices. This KVM switcher supports high-resolution video output up to 4K@60Hz and is backward compatible with 4K@30Hz, 2K@144Hz, and 1080P@240Hz. It features both USB-A and USB-C ports for versatile peripheral connectivity and offers two convenient switching methods: a button on the KVM unit and a wired remote switch. The device is compatible with various operating systems including Windows 7/8/10/11/Vista/XP, Linux, and Mac.

## 2. PACKAGE CONTENTS

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

- 1 x MT-VIKI USB 3.0 HDMI KVM Switch (MT-KH2S3)
- 1 x USB A-C Power Cable
- 1 x Wired Remote Switch (Desktop Controller)
- 2 x USB A to B Cables (1.5m each)
- 1 x User Manual

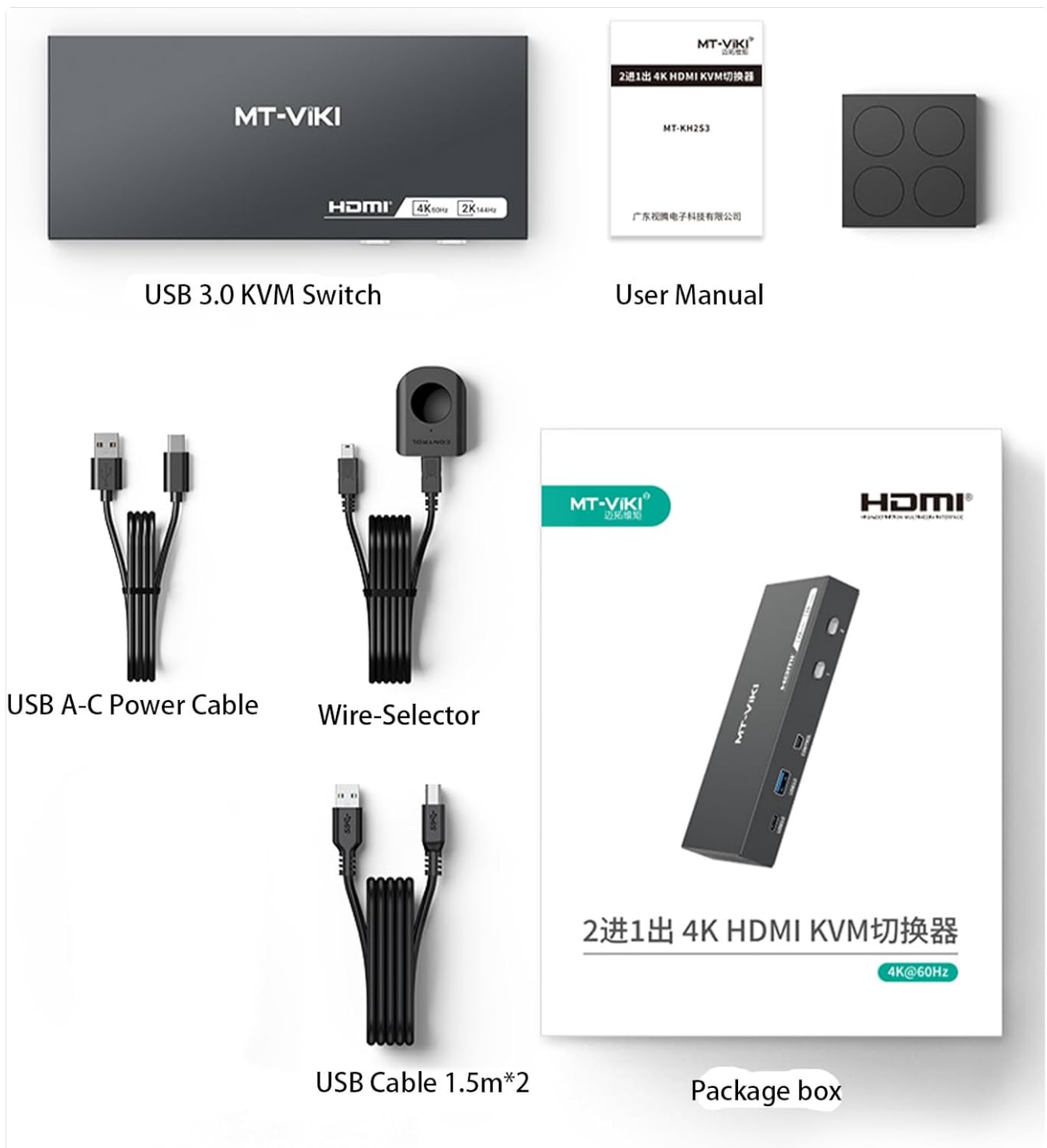


Figure 2.1: Package Contents of the MT-VIKI USB 3.0 HDMI KVM Switch.

### 3. PRODUCT OVERVIEW

Familiarize yourself with the ports and buttons on the KVM switch for proper connection and operation.

#### 3.1 Front Panel

- **USB-C 3.0 Port:** For connecting USB-C peripherals.
- **USB 3.0 Port:** For connecting USB-A peripherals.
- **CONTROL Port:** For connecting the wired remote switch.
- **Source Buttons (1 & 2):** Used to manually switch between connected computers.

#### 3.2 Rear Panel

- **DC 5V Power Interface:** For connecting the USB A-C power cable to provide power to the KVM switch.
- **Keyboard/Mouse Interface (2x USB 3.0):** For connecting your shared keyboard and mouse.
- **HDMI Output Interface (OUT):** Connects to your shared monitor.
- **HDMI Input Interfaces (IN1 & IN2):** Connects to the HDMI output of your two computers.
- **USB Input Interfaces (IN1 & IN2):** Connects to the USB 3.0 ports of your two computers to enable keyboard, mouse, and USB device sharing.

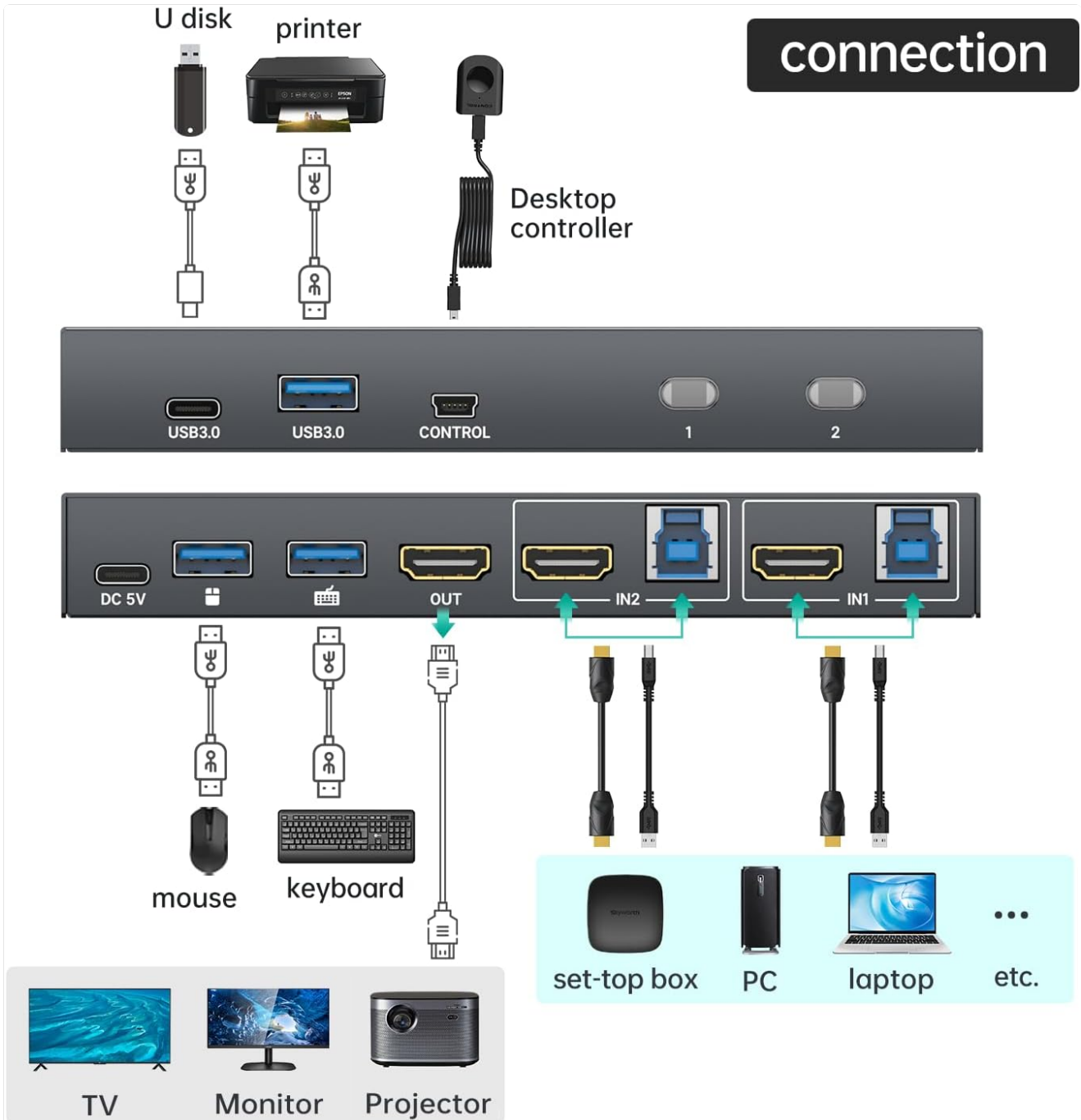


Figure 3.1: Front and Rear Panel Layout.

## 4. SETUP INSTRUCTIONS

Follow these steps to connect your MT-VIKI KVM Switch:

1. **Power Connection:** Connect the provided USB A-C power cable to the DC 5V port on the KVM switch and to a USB power adapter (not included) or a USB port on one of your computers.
2. **Monitor Connection:** Connect your monitor to the HDMI OUT port on the KVM switch using an HDMI cable

(not included).

### 3. **Computer 1 Connection:**

- Connect an HDMI cable from your first computer's HDMI output to the HDMI IN1 port on the KVM switch.
- Connect one of the provided USB A to B cables from your first computer's USB 3.0 port to the USB IN1 port on the KVM switch.

### 4. **Computer 2 Connection:**

- Connect an HDMI cable from your second computer's HDMI output to the HDMI IN2 port on the KVM switch.
- Connect the second provided USB A to B cable from your second computer's USB 3.0 port to the USB IN2 port on the KVM switch.

5. **Keyboard and Mouse Connection:** Connect your USB keyboard and USB mouse to the dedicated USB 3.0 ports on the rear panel of the KVM switch.
6. **Additional USB Devices:** Connect any other USB 3.0 or USB 2.0 peripherals (e.g., USB flash drives, printers, mobile hard drives) to the USB 3.0 and USB-C 3.0 ports on the front panel.
7. **Wired Remote Switch:** Plug the wired remote switch into the CONTROL port on the front panel for convenient switching.

## 2 in 1 out KVM Switch

2 PC share 1 monitor ,1 printer and 1 set of keyboard and mouse greatly saving your office space



Figure 4.1: Typical KVM Switch Setup.

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Video 4.1: Introduction to USB 3.0 HDMI KVM Switch - This video demonstrates the packing list, front and back interfaces, and basic connection steps for the KVM switch.

## 5. OPERATING INSTRUCTIONS

The MT-VIKI KVM Switch offers two methods for switching between connected computers:

- **Front Panel Button:** Press the "1" or "2" button on the front of the KVM switch to select the corresponding computer.
- **Wired Remote Switch:** Press the button on the wired remote switch to toggle between Computer 1 and Computer 2.

When switching, there may be a brief delay (approximately 3 seconds) as the computer recognizes the USB connection. This is normal operation.

# 2-Port USB 3.0 HDMI USB KVM Switch

4K@60Hz

2K@144Hz



2 computers share 1 monitor  
convenient & efficient

- Free switch
- Plug & Play
- 3D & HDR & HDCP

Figure 5.1: USB 3.0 Ultra-fast Transfer with USB-C Port.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your KVM switch:

- Keep the device in a cool, dry place, away from direct sunlight and heat sources.
- Clean the exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- Ensure all cable connections are secure to prevent signal loss or intermittent operation.
- Avoid placing heavy objects on the KVM switch.

## 7. TROUBLESHOOTING

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

Problem	Possible Cause / Solution
No video output or distorted image.	<ul style="list-style-type: none"><li>◦ Ensure all HDMI cables are securely connected to both the KVM switch and the computers/monitor.</li><li>◦ Verify that the correct input source is selected on your monitor.</li><li>◦ Check if the KVM switch is receiving adequate power.</li><li>◦ Try using different HDMI cables.</li><li>◦ Some users reported distorted HDMI signals; if this occurs, try disconnecting and reconnecting the KVM switch from power and USB cables.</li></ul>

Problem	Possible Cause / Solution
<b>Keyboard or mouse not responding.</b>	<ul style="list-style-type: none"> <li>◦ Ensure the USB A to B cables are securely connected from the KVM switch to both computers.</li> <li>◦ Verify that the keyboard and mouse are plugged into the correct dedicated USB 3.0 ports on the rear panel.</li> <li>◦ Try connecting the keyboard and mouse directly to the computer to confirm they are functional.</li> <li>◦ Reconnect the KVM switch's power and USB cables.</li> </ul>
<b>Delay when switching computers.</b>	A brief delay (approximately 3 seconds) is normal as the computer recognizes the new USB connection. This is expected behavior.
<b>Bright blue indicator light.</b>	Some users find the indicator light bright. This is a design feature. If distracting, consider repositioning the unit or covering the light.
<b>Peripherals not recognized after switching multiple times.</b>	Try disconnecting and reconnecting the KVM switch from its power and USB cables to reset the connections. Ensure direct connection to the laptop/PC if using a dock, as some docks may interfere.

## 8. SPECIFICATIONS

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Key technical specifications for the MT-VIKI USB 3.0 HDMI KVM Switch:

- **Model:** MT-KH2S3
- **Switch Type:** KVM Switch
- **Video Interface:** HDMI 2.0
- **Max Resolution:** 4K@60Hz, 2K@144Hz, 1080P@240Hz
- **HDCP Support:** HDCP 2.2
- **USB Ports:** 3 x USB 3.0 (for peripherals), 1 x USB-C 3.0 (for peripherals), 2 x USB 3.0 (for keyboard/mouse), 2 x USB 3.0 (input to computers)
- **Control Method:** Push Button, Wired Remote Switch
- **Operating Voltage:** 5 Volts (DC)
- **Material:** Metal
- **Color:** Black
- **Item Dimensions (L x W x H):** 9 x 6.77 x 1.69 inches
- **Compatibility:** Windows 7/8/10/11/Vista/XP, Linux, Mac

# 4K@60Hz/2K@144Hz High Resolution

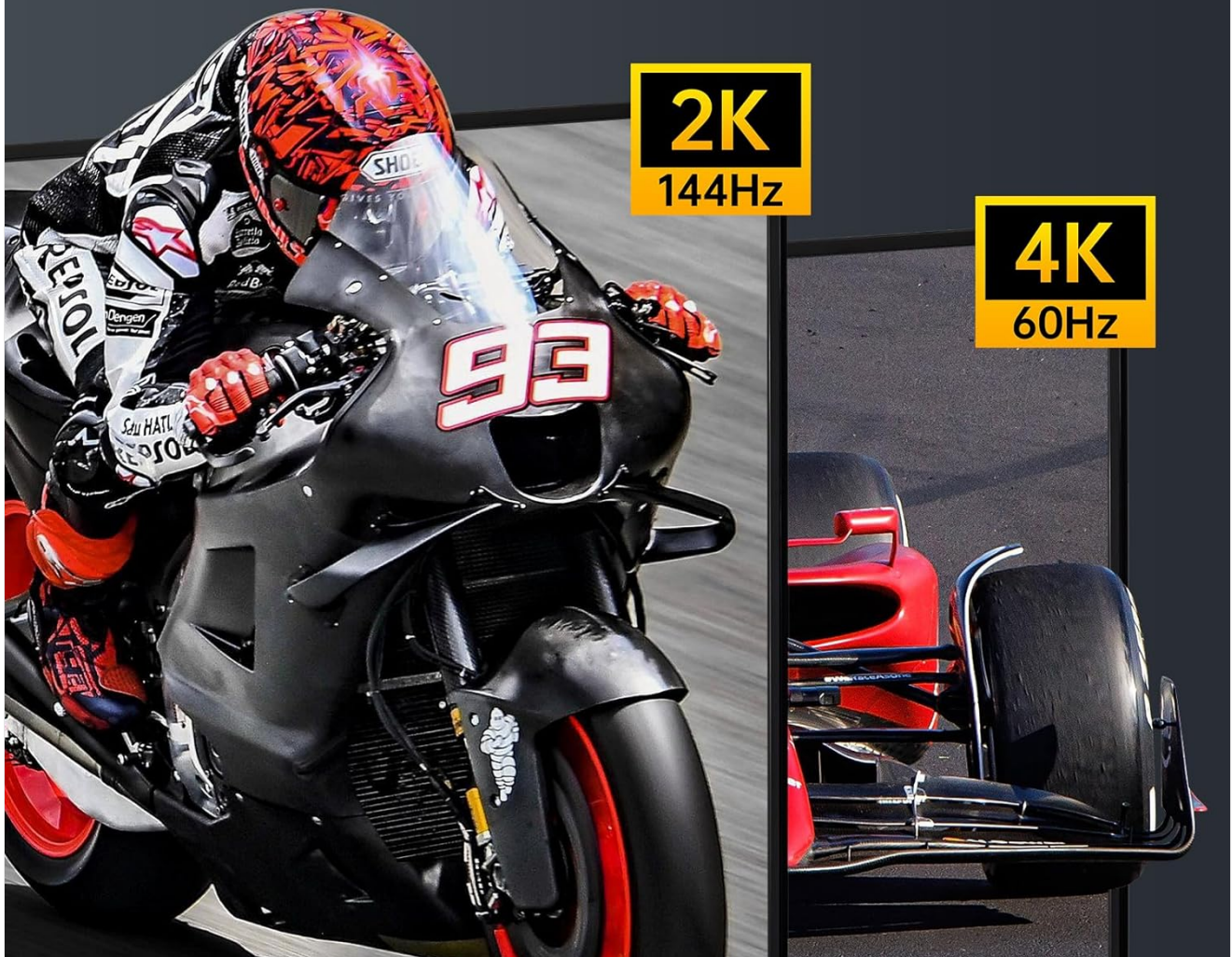


Figure 8.1: High Resolution Support.

## 9. WARRANTY AND SUPPORT

MT-VIKI provides a **2-year warranty** for this product, covering replacement or refund for any manufacturing defects. For technical support, troubleshooting assistance, or warranty claims, please contact MT-VIKI customer service through the retailer where the product was purchased or visit the official MT-VIKI website.

Additional protection plans may be available for purchase from your retailer:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly billing)

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Video 9.1: MT-VIKI KVM Series Overview - This video provides a general overview of MT-VIKI's KVM product lines and highlights their commitment to quality and support, including a mention of a 2-year warranty.

