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› KIMISS 4-Channel 1080P Mobile DVR for Vehicle Instruction Manual

KIMISS c49c2a60-32cf-4dc9-b74e-f944f6ea6277

KIMISS 4-Channel 1080P Mobile DVR for Vehicle Instruction Manual

Brand: KIMISS | **Model:** c49c2a60-32cf-4dc9-b74e-f944f6ea6277

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your KIMISS 4-Channel 1080P Mobile Digital Video Recorder (MDVR). This device is designed for reliable video recording in various vehicles, including school buses, tanker trucks, engineering vehicles, and large trucks. Please read this manual thoroughly before use to ensure proper functionality and safety.



Image 1.1: The KIMISS 4-Channel Mobile DVR unit, remote control, and associated cables.

2. SAFETY INFORMATION

- Ensure the power supply is within the specified voltage range (DC 9-36V) to prevent damage.
- Do not expose the device to extreme temperatures, moisture, or direct sunlight.
- Avoid disassembling the unit; refer to qualified personnel for repairs.
- Securely mount the MDVR to prevent movement during vehicle operation.
- Always connect cameras before powering on the device to ensure proper format detection.

3. SETUP INSTRUCTIONS

Follow these steps to set up your Mobile DVR system:

1. **Insert Memory Card:** Insert a TF (Micro SD) card (up to 128GB, not included) into the designated slot on the MDVR unit. Ensure it is inserted correctly.
2. **Connect Cameras:** Connect your cameras (not included) to the appropriate video input ports (CAMERA 1-4) on the MDVR. The device supports CVBS, AHD720P, and AHD1080P cameras.
3. **Connect to Monitor:** Connect the MDVR's VIDEO OUT port to your vehicle's monitor (not included) for live viewing and playback.
4. **Connect Power:** Connect the MDVR to a DC 9-36V power source in your vehicle. The unit features overload, short-circuit, and reverse connection protection.

5. **Power On:** Once all connections are secure, power on the MDVR. The system will automatically detect the video format (PAL/NTSC).

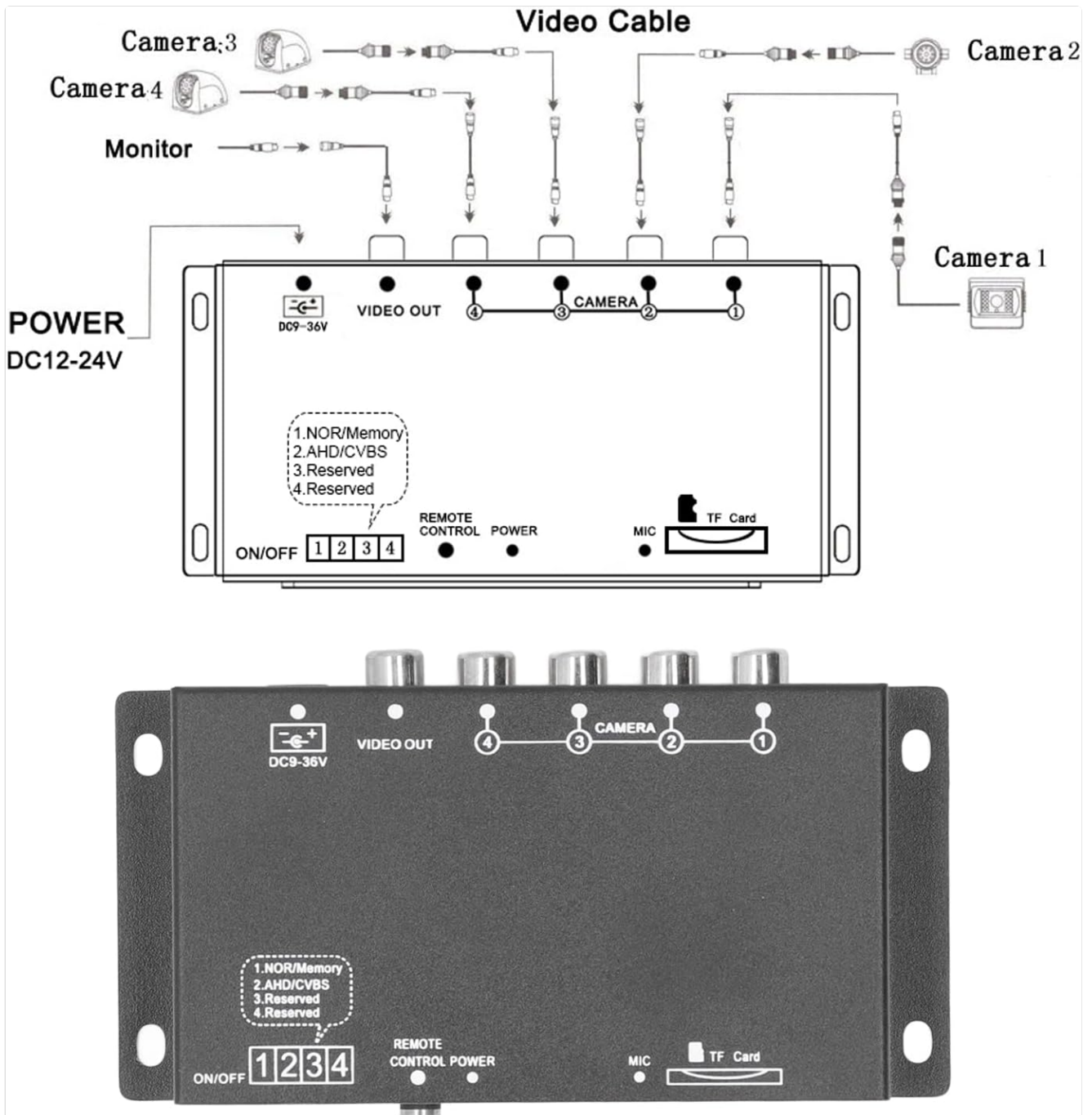


Image 3.1: Connection diagram illustrating how to connect cameras, monitor, and power to the MDVR.



Image 3.2: Rear view of the MDVR unit, highlighting the video input, video output, and power ports.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Starting Recording:** Once powered on, the MDVR will automatically begin recording to the inserted memory card.
- **Remote Control:** Use the provided 2.4G remote control or infrared remote control to navigate menus and control functions.
- **Wired Control:** High-level trigger wired control is also supported for certain functions.

4.2 Advanced Features

- **H.264 Compression:** The MDVR utilizes H.264 video compression, optimizing storage space and allowing for longer recording durations on the 128GB memory card.
- **Information Overlay:** Supports overlaying license plate numbers, time, driving information, and other characters onto the video feed.
- **Host Control:** The host unit can be activated, deactivated, and delayed as needed.
- **Turn Signal & Reverse Display:** Configure automatic full-screen display for left turn, right turn, and reverse maneuvers.
- **Switch Door Recording:** This function allows video files to be packaged separately during door opening events, facilitating easier review.
- **Recording Modes:** Supports independent recording for each channel.
- **Display Modes:** Selectable default boot screen modes (e.g., four-screen H-type) and various image modes (four-image, picture-in-picture, single image) via the menu.
- **Positive/Mirror Selection:** Toggle between normal and mirror views (OFF/ON).

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the MDVR. Do not use liquid cleaners or solvents.
- **Memory Card Management:** Regularly back up important footage from the memory card. Format the memory card periodically (e.g., monthly) to maintain optimal recording performance and prevent data corruption.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to ensure your device has the latest features and bug fixes.
- **Cable Inspection:** Periodically inspect all cables for wear, damage, or loose connections. Replace damaged cables immediately.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Loose power connection; incorrect voltage; blown fuse in vehicle.	Check power cable connections; ensure voltage is 9-36V; inspect vehicle fuse.
No video display	Loose video cable; incorrect monitor input selected; camera not connected or faulty.	Check video output cable to monitor; select correct input on monitor; ensure cameras are properly connected and functional.

Problem	Possible Cause	Solution
Recording issues	Memory card full or corrupted; memory card not inserted; incorrect recording settings.	Insert memory card; format memory card; check recording settings via remote control.
Remote control not working	Battery depleted; IR receiver obstructed; remote out of range.	Replace remote control battery (CR2025 3V); ensure clear line of sight to IR receiver; operate within range.

If you encounter persistent issues not covered here, please contact customer support.

7. PRODUCT SPECIFICATIONS

Model Number: c49c2a60-32cf-4dc9-b74e-f944f6ea6277

Material: ABS + Metal

Remote Control Battery: 1 x CR2025 3V button cell (not included)

Video Format: PAL/NTSC (Automatic identification; camera must be connected before power-on. Default format is PAL)

Video Resolution: 1920 x 1080 or 720 x 576

Refresh Rate: 25 frames per second

Peak Value: 1 Vp-p

Impedance: 75Ω

Video Interface: 4 inputs (AV interface, supports CVBS, AHD720P, AHD1080P), 1 output (AV interface, 720P AHD or CVBS)

Video Recording: Memory card (≤128G, not included), recording format AVI, H.264 compression

Audio: 1 input

Operating Screen Mode: 2.4G remote control / Infrared remote control / Wired control (high-level trigger)

Positive/Mirror Selection: OFF/ON

Recording Mode: Independent recording for each channel

Default Start Screen: Four-screen or H-type four-screen mode, selectable in menu

Image Mode: Four-image mode, H-type four-image mode, picture-in-picture, single image, and other modes

Host Operating Power Consumption: 2W

Output Power: None

Rated Voltage: DC 12V/24V (Wide voltage input 9-36V)

Compatible Devices: School buses, buses, tanker trucks, engineering vehicles, large trucks, boats, coaches, yachts, cars.

Connectivity Technology: Infrared

Origin: China

7.1 Package Contents

- 1 x Control Box (MDVR Unit)
- 1 x 2.4G Remote Control

- 1 x 12V/24V Power Cable
- 1 x Video Cable
- 1 x User Manual



Image 7.1: The MDVR unit along with its accessories, including the remote control and power cable.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support or further assistance, please reach out to KIMISS customer service through the contact information provided on the product packaging or the official website.