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- › CAMMHD /
- › CAMMHD Z3 Body Camera Instruction Manual

CAMMHD Z3

CAMMHD Z3 Body Camera Instruction Manual

Your guide to setting up, operating, and maintaining your CAMMHD Z3 Body Camera.

1. PRODUCT OVERVIEW

The CAMMHD Z3 is a high-performance body camera designed for reliable audio and video recording. It features 1440P video quality, night vision capabilities, and a robust 3300mAh battery for extended operation. With its compact design and versatile clips, it is suitable for various applications requiring portable and secure recording.



Figure 1: Overview of CAMMHD Z3 Body Camera features including 1440P video, H.264 encoding, 12-hour recording, night vision,

loop recording, and warning lights.



Figure 2: The CAMMHD Z3 Body Camera is versatile for multiple scenarios, including outdoor activities and professional use.

2. PACKAGE CONTENTS

Before using your CAMMHD Z3 Body Camera, please ensure all items are present in the package:

- 1 x CAMMHD Z3 Body Camera
- 1 x User Manual
- 1 x Charger
- 1 x Type-C Data Cable
- 1 x 360° Rotatable Long Clip
- 1 x 360° Rotatable Short Clip



Figure 3: All components included in the CAMMHD Z3 Body Camera package.

3. DEVICE LAYOUT

Familiarize yourself with the buttons and ports on your CAMMHD Z3 Body Camera:

- **Power ON/OFF / Screen ON/OFF Button:** Located on the side.
- **Video Record / Menu Return Button (REC):** Located on the side.
- **Audio Record Button:** Located on the side.
- **Snapping Button (Photo):** Located on the side.
- **Alarm Warning Light Button (Red+Blue LEDs):** Located on the side.

- **Card Slot:** For inserting/removing the memory card.
- **OK Button:** For confirmation in menus.
- **Menu / Up Button:** For navigating menus.
- **Album / Down / Delete Button:** For navigating albums and deleting files.

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Video 1: Quick Use Guide for CAMMHD Body Camera, demonstrating button functions and basic operations.

4. SETUP AND INITIAL USE

4.1 Charging the Battery

The CAMMHD Z3 Body Camera features a built-in 3300mAh battery. Connect the camera to the provided charger using the Type-C data cable. A full charge takes approximately 4 hours. The camera can record continuously for about 12 hours (at 1080P with the screen off) on a full charge.



Figure 4: Charging the CAMMHD Z3 Body Camera and its battery performance.

4.2 Powering On/Off

To power on or off the camera, long-press the Power ON/OFF button on the side. Alternatively, long-press the "REC" button when the camera is off to turn it on and automatically start recording.

4.3 Attaching Clips

The camera comes with two 360° rotatable clips (long and short) for flexible mounting options. Attach the desired clip to the camera and secure it to your clothing or gear.



Figure 5: The CAMMHD Z3 Body Camera with its rotatable clip for secure attachment.

5. OPERATING INSTRUCTIONS

5.1 Video Recording

The Z3 body camera supports multiple video resolutions: 1440P, 1296P, 1080P, 720P, and 480P. It features a 170° wide-angle lens for comprehensive coverage.

- **Start Recording:** Click the "REC" button once to begin video recording.
- **Stop Recording:** Click the "REC" button again to stop recording.
- **Loop Recording:** The camera supports loop recording, automatically overwriting the oldest files when the memory is full.

- **Motion Detection:** Enable motion detection for recording only when movement is detected.
- **Car Mode:** Use car mode for automatic recording when connected to vehicle power.

1440P HD Video Auto/Manual Night Vision



Figure 6: The CAMMHD Z3 offers 1440P HD video recording and flexible night vision options.



Figure 7: Loop recording ensures continuous operation, and a date stamp provides crucial time information on recordings.

5.2 Audio Recording

To record audio only:

- **Start Audio Recording:** Click the Audio button once.
- **Stop Audio Recording:** Click the Audio button again to stop.

5.3 Taking Photos

To capture still images:

- **Take Photo:** Press the Snapping button once.

5.4 Night Vision

The Z3 camera can capture color video in daylight and automatically or manually switch to night vision in low-light conditions. This ensures clear video evidence regardless of ambient light.

5.5 Warning Mode (Red+Blue LEDs)

To activate the warning mode:

- **Activate Warning:** Press the Warning button to turn on both LED and warning lights.
- **Cycle Modes:** Press again to turn on LED only and warning off.
- **Deactivate:** Press a third time to turn both off.



Figure 8: The CAMMHD Z3 features red and blue warning lights for enhanced visibility and signaling.

5.6 Accessing Settings (Menu)

To access the camera settings:

- **Enter Menu:** Press the "M" (Menu) button.
- **Navigate:** Use the Up/Down buttons to scroll through options.
- **Select:** Press "OK" to select an option.
- **Exit:** Press the "REC" button to go back or exit the menu.

5.7 Reviewing Recordings (Album)

To view recorded videos, photos, or listen to audio files:

- **Enter Album:** Press the "▶" (Play) button.
- **Navigate:** Use the Left/Right/OK buttons to select and play files.
- **Exit:** Press the "REC" button to return to the main screen.

5.8 Deleting Recordings

You can delete individual recordings from the album:

- **Select File:** In the album, navigate to the file you wish to delete.
- **Delete:** Long-press the "▶" (Play) button to initiate deletion. Confirm by selecting "YES" with the "OK" button.

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Video 2: Instructions on how to delete recordings from the album on a CAMMHD Body Camera.

6. SECURITY FEATURES

6.1 Password Protection

The CAMMHD Z3 supports a custom 6-digit password composed of numbers and letters. This feature prevents unauthorized access to the device and its recorded data.

6.2 H.264 Video Encoding

Utilizing H.264 video encoding, the Z3 camera efficiently saves memory card space (over 30%) and reduces file transfer times to a computer (over 50%) compared to standard body cameras, while maintaining video quality.

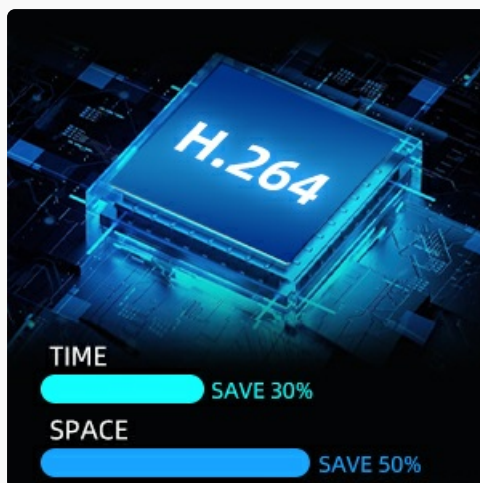


Figure 9: H.264 video encoding optimizes storage and transfer efficiency.

7. MAINTENANCE

7.1 Cleaning

Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution to avoid scratches. Do not use harsh chemicals or abrasive materials.

7.2 Water Resistance

The CAMMHD Z3 is water-resistant. While it can withstand splashes and light rain, it is not designed for submersion. Ensure all ports are securely closed to maintain water resistance.

IP67 Waterproof & 2M Drop Resistant



Figure 10: The CAMMHD Z3 is built with water resistance and drop resistance for durability.

8. TROUBLESHOOTING

If you encounter issues with your CAMMHD Z3 Body Camera, refer to the following common solutions:

- **Camera not turning on:** Ensure the battery is charged. Connect the camera to the charger and try again.
- **Recording issues:** Check if the memory card is properly inserted and has sufficient free space. Format the SD card if necessary (this will erase all data).
- **Playback problems:** Ensure the video/audio file format is supported. Try replaying on a computer if the issue persists on the device.
- **Forgotten password:** Refer to the full user manual for instructions on resetting the password or contact customer support.

9. SPECIFICATIONS

Detailed technical specifications for the CAMMHD Z3 Body Camera:

| Feature | Specification |
|------------------------------|--|
| Model Number | CAMMHD-Z3 |
| Video Resolution | 1440P/1296P/1080P/720P/480P |
| Photo Resolution | 42M/36M/24M/2M |
| Wide Angle | 170° |
| IR Night Vision Wavelength | 940nm |
| Battery Capacity | 3.7V 3000mAh internal battery |
| Operating Temperature | -10°C to 45°C (cannot pass 55°C) |
| Storage Temperature | -40°C to +60°C |
| Video Format | MOV |
| Video Coding Rate | 10 M bit/s |
| Audio Format | WAV |
| Photo Format | JPG |
| Infrared Video | Auto/Manual |
| Screen Size | 2.0 Inches |
| Dimensions (L x W x H) | 78mm x 54mm x 25mm |
| Weight | 110g |
| Compatible Operating Systems | Windows XP/7/8 SP3/Vista and Mac 10.5 or above |
| Connectivity Technology | USB |
| Water Resistance Level | Water Resistant |

SPECIFICATIONS



| | |
|-----------------------------|--|
| Video resolution: | 1440P/1296P/1080P/720P/480P |
| Photo Resolution: | 42M/36M/24M/2M |
| Wide Angle: | 170° |
| IR Night Vision Wavelength: | 940nm |
| Battery capacity: | 3.7V 3000mAh internal battery |
| Using Temperature: | -10°C to 45°C (cannot pass 55°C) |
| Storage Temperature: | -40~+60°C |
| Video format: | MOV |
| Video coding rate: | 10 M bit/S |
| Audio format: | WAV |
| Photo format: | JPG |
| Infrared video: | Auto/Manual |
| Screen Size: | 2.0 In |
| Size : | 78*54*25mm |
| Work System: | Windows XP/7/8 SP3/Vista and Mac 10.5 or above |
| Weight : | 110g |

Figure 11: Comprehensive technical specifications for the CAMMHD Z3 Body Camera.

10. WARRANTY AND SUPPORT

10.1 Warranty Information

If there is any quality problem within 30 working days after purchase, you may apply for returning the goods.

10.2 Customer Support

For further assistance or inquiries, please contact CAMMHD customer service at: cammhd-service@outlook.com