

MELCAM FHD1080P

MELCAM FHD1080P Video Camera Camcorder User Manual

Model: FHD1080P

1. INTRODUCTION

Thank you for choosing the MELCAM FHD1080P Video Camera Camcorder. This manual provides essential information for setting up, operating, and maintaining your new device. This camcorder is designed for capturing high-quality video and photos, featuring Full HD 1080P resolution at 30 frames per second, 24-megapixel still image capability, and a 3.0-inch 270-degree rotatable screen. It includes a professional stereo microphone for enhanced audio recording and offers a 16X digital zoom for versatile shooting.

Key features include:

- **FHD 1080P (30 fps) & 24 MP Resolution:** Delivers clear and sharp images and videos.
- **High-Sensitivity CMOS Sensor:** Ensures clear filming even in low light conditions.
- **3.0 Inch 270 Degree Rotation Screen:** Provides flexibility for various shooting angles and self-recording.
- **Professional Video Microphone:** Utilizes XY stereo pickup technology for clear, precise stereo audio.
- **Webcam Functionality:** Can be used for live streaming and video calls.
- **Long-Time Filming:** Comes with 2 rechargeable batteries and supports recording while charging.
- **Remote Control:** Allows for hands-free operation within 10 meters.
- **Pause Function:** Enables pausing and resuming recording within the same file.
- **Beauty & Anti-shake:** Enhances image quality and stability.
- **Connectivity:** Supports AV/USB output for connecting to TVs and PCs.

2. WHAT'S IN THE BOX

Carefully unpack your MELCAM FHD1080P Video Camera Camcorder and ensure all items are present:

- MELCAM FHD1080P Video Camera Camcorder
- Professional Stereo Microphone

- Remote Control
- 2 x Rechargeable Lithium Batteries (NP-FV5, 3.7V 1500mAh)
- USB Cable
- AV Cable
- Power Adapter/Charger
- Microphone Connection Cable
- Carrying Case
- User Manual (this document)

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your camcorder.



Figure 3.1: Front view of the MELCAM FHD1080P Video Camera Camcorder.



Figure 3.2: The camcorder shown with its various accessories, including the microphone, remote, and cables.



Figure 3.3: The camcorder with its 3.0-inch LCD screen rotated open, revealing control buttons.

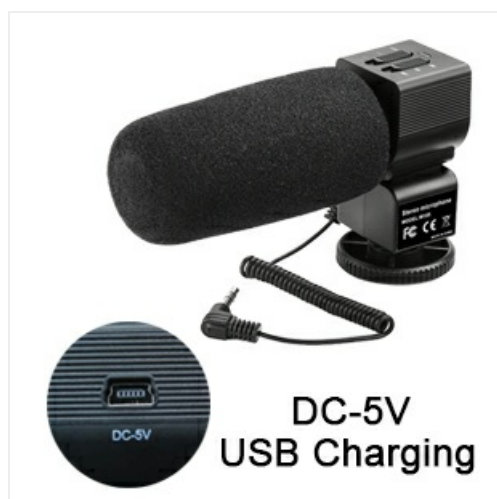


Figure 3.4: The included professional stereo microphone, designed to attach to the camcorder for improved audio.

4. SETUP

4.1 Charging the Battery

1. Insert one of the provided rechargeable batteries into the camcorder's battery compartment.
2. Connect the camcorder to the power adapter using the USB cable, then plug the adapter into a wall outlet.
3. The charging indicator light will illuminate. Once fully charged, the light may change color or turn off.
4. It is recommended to fully charge both batteries before first use.

4.2 Inserting an SD Card

The camcorder supports SD/TF cards from 4GB to 32GB (not included). Please format the SD card before first use.

1. Open the SD card slot cover on the camcorder.
2. Insert the SD card with the metal contacts facing the front of the camcorder until it clicks into place.
3. Close the SD card slot cover.

4.3 Attaching the Microphone

1. Locate the hot shoe mount on top of the camcorder.
2. Slide the microphone onto the hot shoe mount until it is securely in place.
3. Connect the microphone to the camcorder's microphone input port using the provided microphone connection cable.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, open the LCD screen. The camcorder will automatically turn on.
- To power off, close the LCD screen. The camcorder will automatically turn off.
- Alternatively, press and hold the **POWER** button on the camcorder or remote control.

5.2 Recording Video

1. Ensure an SD card is inserted and the battery is charged.
2. Open the LCD screen to power on the camcorder.
3. Press the **MODE** button to select video recording mode (indicated by a video camera icon).
4. Press the **RECORD** button (usually a red circle) to start recording. Press again to stop.
5. Use the **W/T** buttons for 16X digital zoom during recording.
6. To use the **Pause Function**, press the **OK** button during recording to pause, and press it again to resume recording in the same file.

5.3 Taking Photos

1. Press the **MODE** button to select photo mode (indicated by a camera icon).
2. Frame your shot using the LCD screen.
3. Press the **PHOTO** button (usually a camera icon) to capture a still image.

5.4 Using the Remote Control

The remote control allows for convenient operation from a distance (within 10 meters).

- Point the remote control directly at the camcorder's IR receiver.
- Use the corresponding buttons for Power, Menu, Mode, OK, Zoom, and Photo/Video functions.

5.5 Webcam Functionality

1. Connect the camcorder to your computer using the USB cable.
2. Select the 'PC Camera' or 'Webcam' option on the camcorder's screen (if prompted).
3. Your computer should recognize the camcorder as a webcam. You can then select it in your preferred video conferencing or streaming software.

5.6 Connecting to TV/PC

- **To TV:** Use the provided AV cable to connect the camcorder to your TV's AV input ports. Select the correct AV input on your TV to view recorded content.
- **To PC:** Use the provided USB cable to connect the camcorder to your PC. The camcorder will appear as a removable disk, allowing you to transfer files.

6. MAINTENANCE

6.1 Cleaning

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

6.2 Battery Care

- Store batteries in a cool, dry place when not in use.
- Avoid exposing batteries to extreme temperatures.
- If not using the camcorder for an extended period, remove the batteries.

6.3 Storage

When not in use, store the camcorder in its carrying case to protect it from dust, moisture, and physical damage.

7. TROUBLESHOOTING

If you encounter issues with your MELCAM FHD1080P Camcorder, please refer to the following common solutions:

- **Camcorder does not power on:** Ensure the battery is fully charged and correctly inserted. Try using the second battery.
- **Poor video/photo quality:** Check lighting conditions. Ensure the lens is clean. Verify that the SD card is not full or corrupted; try formatting it (this will erase all data).
- **Audio issues (scratchy, pulsating, or out of sync):** Ensure the external microphone is securely connected. Check microphone settings in the camcorder menu. Test without the external microphone to isolate the issue.
- **Remote control not working:** Ensure there are no obstructions between the remote and the camcorder's IR receiver. Check the remote's battery.
- **Webcam function not recognized:** Ensure the USB cable is properly connected and you have selected 'PC Camera' mode on the camcorder. Try a different USB port on your computer.
- **Screen not rotating or broken:** Handle the rotating screen gently. If it becomes unresponsive or physically damaged, contact customer support.

If the problem persists, please contact MELCAM customer support for further assistance.

8. SPECIFICATIONS

Feature	Specification
Model Name	MELCAM FHD1080P
Video Resolution	1920*1080P FULL HD/ 30fps, 1280*720 HD/30fps, VGA 640*480/30fps
Photo Sensor Resolution	24 MP (Interpolated)
Photo Sensor Technology	CMOS
Screen Size	3.0 Inches (270-degree rotation capacitive touch screen)
Digital Zoom	16X
Optical Zoom	1x
Image Stabilization	Digital
Lens Type	Fixed lens, Aperture F/3.2, Focal distance f=7.36mm
Battery Type	Rechargeable Lithium Ion (NP-FV5, 3.7V 1500mAh)
Storage Media	External SD/TF card (4GB-32GB, not included)
Connectivity	HDMI, USB 2.0, AV Out
File Format (Image)	JPG
File Format (Video)	AVI
Operating System Requirements	Windows XP/Vista/7/8/10, Mac 10.2
Special Features	Webcam, Remote Control, Pause Function, Beauty Function, Anti-shake, Face Capture, Continuous Shooting, Self-timer, Slow Motion, Time Lapse, Motion Detection

9. WARRANTY AND SUPPORT

MELCAM offers a one-year warranty for returning and replacing your camcorder. If you encounter any issues or have questions regarding your MELCAM FHD1080P Video Camera Camcorder, please do not hesitate to contact our customer support team. We are committed to providing assistance and will respond within 12 hours. For support, please refer to the contact information provided in your product packaging or visit the official MELCAM website.