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Muitune DV105

Muitune DV105 2.7K 56MP Camcorder User Manual

Model: DV105

1. INTRODUCTION

Thank you for purchasing the Muitune DV105 2.7K 56MP Camcorder. This manual provides detailed instructions for the proper setup, operation, and maintenance of your new device. Please read this manual thoroughly before use to ensure optimal performance and longevity of your camcorder.



Image 1.1: Muitune DV105 Camcorder and included accessories.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- Camcorder x 1
- NP-40 Lithium Battery x 2
- 32GB SD Card x 1
- TYPE-C Cable x 1
- User Manual x 1

3. PRODUCT OVERVIEW

The Muitune DV105 camcorder is designed for capturing high-quality video and photos. It features a 2.7K video resolution, 56MP photo capability, 16X digital zoom, and a 2.8-inch 270-degree rotating LCD screen.

3.1 Key Features

- **2.7K Video & 56MP Photos:** Records video at QHD 2.7K resolution and captures still images at 56 megapixels.
- **16X Digital Zoom:** Allows for closer views of distant subjects.
- **2.8-inch 270-Degree Rotation LCD Screen:** Provides flexible viewing angles for recording and playback.
- **Built-in LED Fill Light:** Enhances visibility in low-light conditions.
- **Webcam Functionality:** Connects to a computer for live streaming or video calls.
- **Recording While Charging:** Supports continuous operation when connected to a power source.
- **External Microphone Support:** Features an input for an external microphone (not included) for improved audio quality.

2.7K CAMCORDER 56MP IMAGE RESOLUTION

2.7K Video Camera/Capture 56MP Clear Photo
Allows you to record wonderful moments

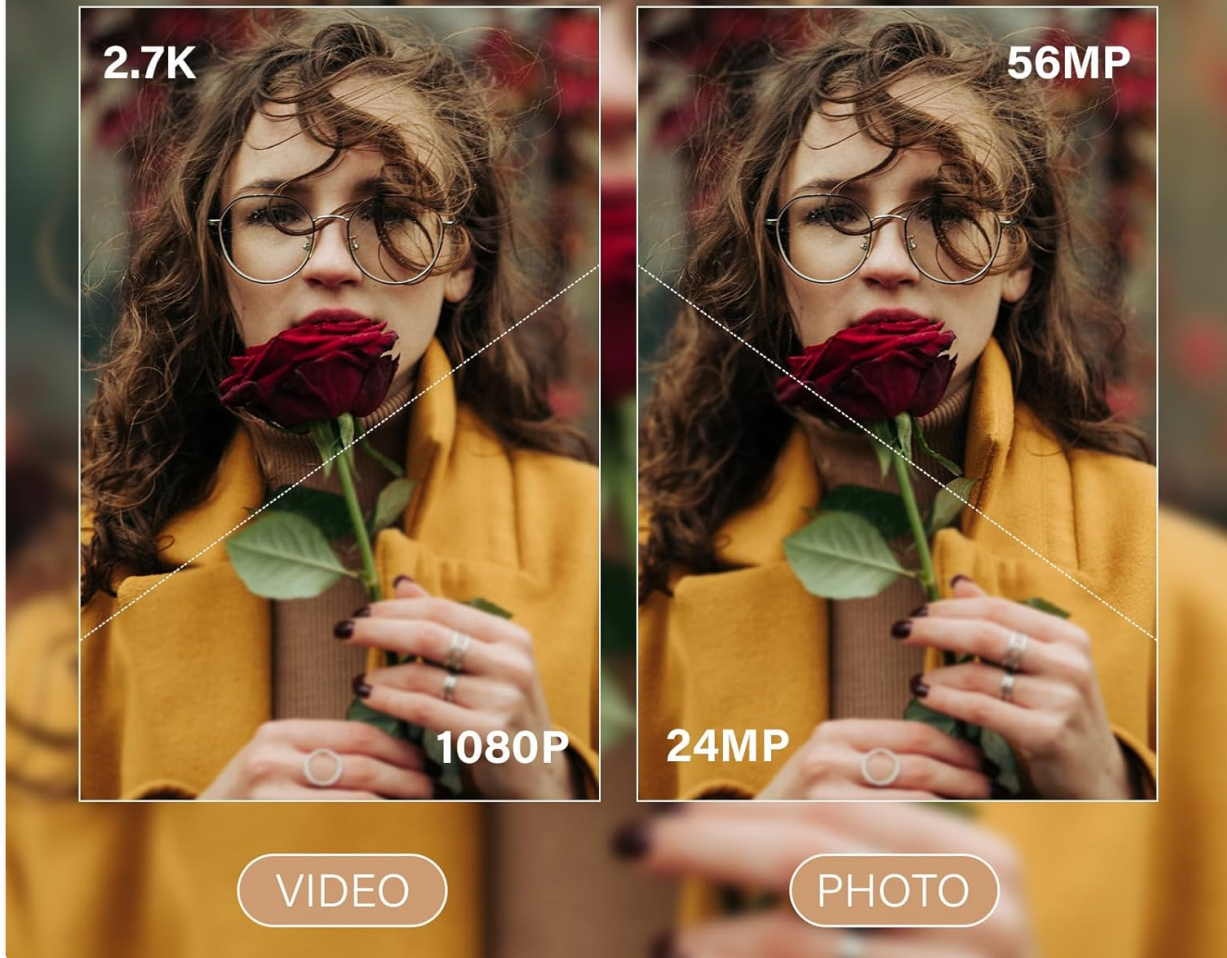


Image 3.1: Visual comparison of 2.7K video and 56MP photo resolution.

16X DIGITAL ZOOM &

WEBCAM FUNCTION

Connected the PC with a USB cable, choosing the "PC Camera" mode so as to enjoy video chatting or live streaming



4X LENS EFFECT



8X LENS EFFECT



16X LENS EFFECT

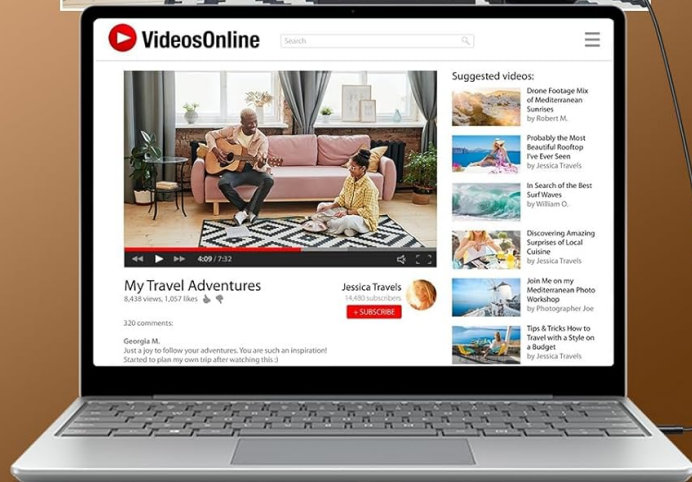


Image 3.2: The camcorder's 16X digital zoom capability and its use as a webcam.

4. SETUP

4.1 Battery Installation

1. Open the battery compartment cover located on the bottom of the camcorder.
2. Insert one of the provided NP-40 lithium batteries, ensuring the correct polarity.
3. Close the battery compartment cover securely.

4.2 SD Card Installation

1. Locate the SD card slot, typically on the side or bottom of the camcorder.
2. Insert the 32GB SD card with the metal contacts facing the front of the camcorder until it clicks into place.
3. To remove, gently press the SD card until it pops out.

4.3 Initial Charging

Before first use, fully charge the battery. Connect the camcorder to a power source using the supplied TYPE-C cable and a compatible USB power adapter (not included). The charging indicator will illuminate

during charging and turn off when complete.



2x1500 mAh
Lithium rechargeable batteries



Image 4.1: The camcorder supports recording while charging, shown with its two rechargeable batteries.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, press and hold the power button until the LCD screen illuminates.
- To power off, press and hold the power button again until the screen turns off.

5.2 Basic Recording (Video/Photo Modes)

1. Rotate the LCD screen to your desired viewing angle.
2. Use the mode button to switch between video recording mode and photo capture mode.
3. Press the record/shutter button to start/stop video recording or to take a photo.

5.3 Zoom Function

Use the T (Telephoto) and W (Wide) buttons, typically located near the top of the camcorder, to adjust the 16X digital zoom.

5.4 Using the LED Fill Light

The built-in LED fill light can be activated to provide additional illumination in dim environments.



Image 5.1: Demonstration of the built-in LED fill light's effect in low light.

5.5 Webcam Function

To use the camcorder as a webcam:

1. Connect the camcorder to your computer using the TYPE-C cable.
2. On the camcorder's screen, select the "PC Camera" mode.
3. Your computer should recognize the camcorder as a webcam for use with video conferencing or streaming applications.

5.6 External Microphone Connection

The camcorder includes a microphone input interface. Connect a compatible external microphone (not included) to this port for enhanced audio recording. Ensure the external microphone is powered separately if required.

6. ADVANCED FEATURES

The Muitune DV105 camcorder offers several advanced functions to enhance your recording experience.



Image 6.1: Overview of the camcorder's multi-functional capabilities.

- **Face Detection:** Automatically detects and optimizes exposure for faces in the frame.
- **Smile Capture:** Automatically takes a photo when a smile is detected.
- **Anti-shake:** Helps reduce blur caused by camera movement.
- **Selfie Mode:** Optimizes settings for self-portraits.
- **Continuous Shooting:** Captures multiple photos in quick succession.
- **Timer Shooting:** Sets a delay before taking a photo (e.g., 2s, 5s, 10s).
- **Date Stamp:** Adds the date to your photos or videos.
- **Photo Rotation:** Allows for rotating captured images.

Built-in Fill Light

The fill light ensures pictures stay high-quality even in the dark

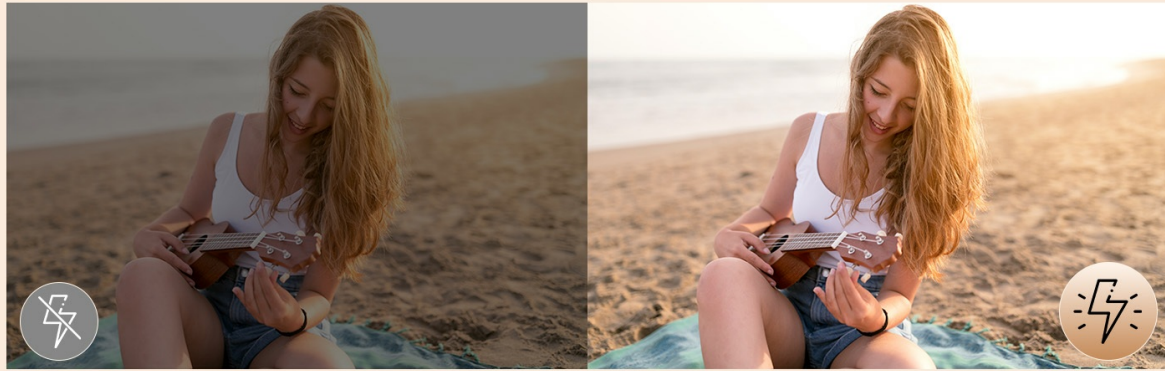


Image 6.2: The anti-shake function reduces image blur from movement.

Live streaming

Connect it to the PC using the provided USB cable, and select 'PC Camera' mode to use it as a webcam

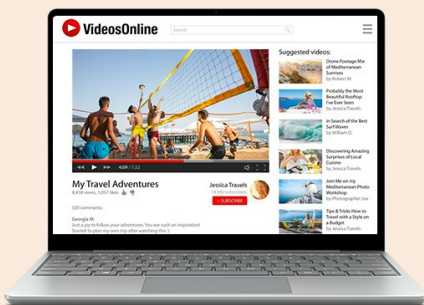


Image 6.3: Smile capture automatically takes a photo when a smile is detected.

Continuous Shooting



Image 6.4: Face detection slightly increases the brightness of detected faces.

6.1 Exposure Compensation and ISO

Adjusting exposure compensation and ISO settings can help optimize image brightness and sensitivity in various lighting conditions.

Smile Capture

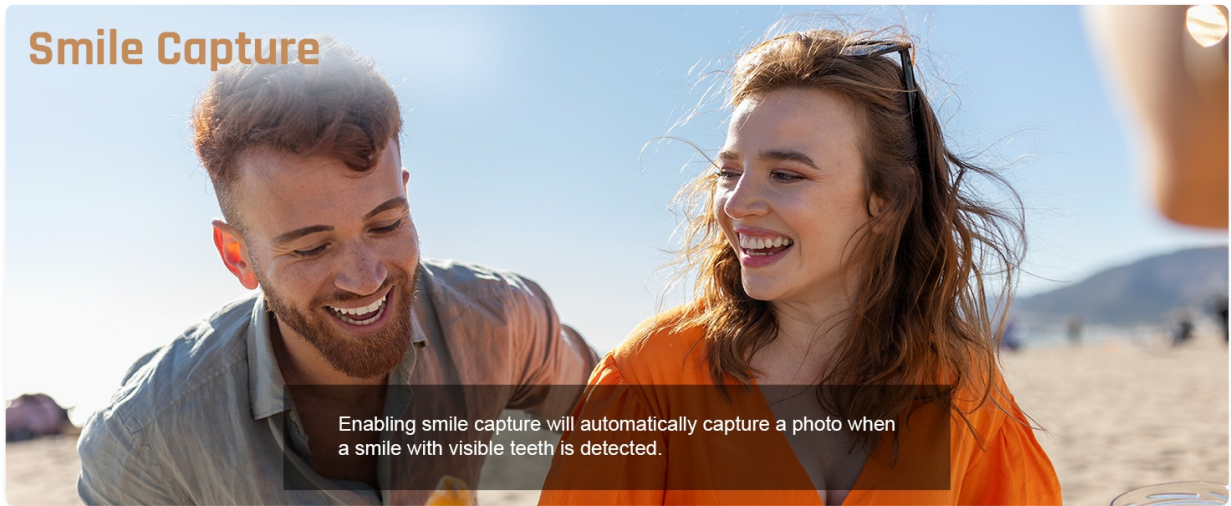


Image 6.5: Examples of 7 exposure compensation levels.

Face Detection

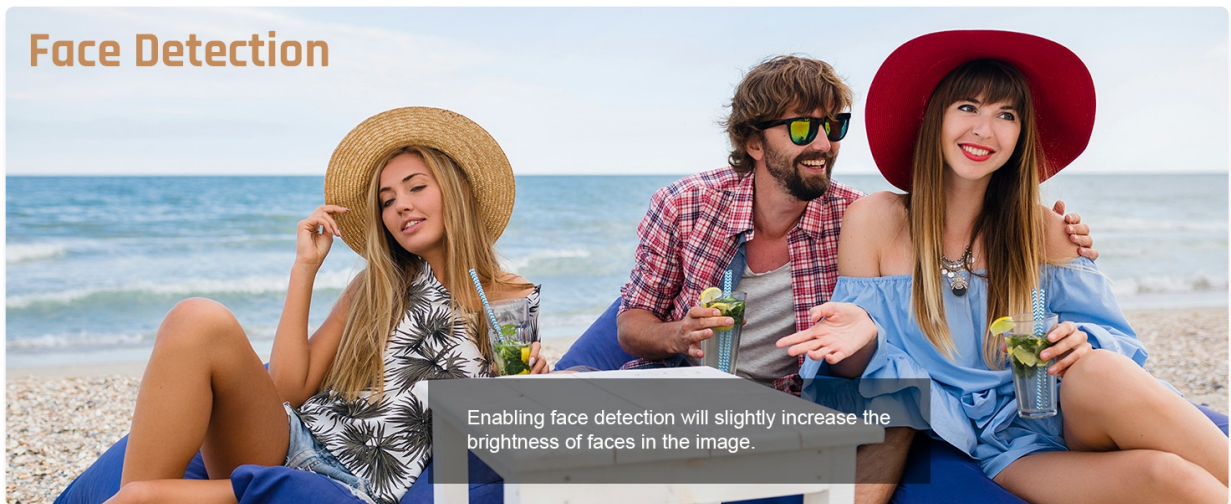


Image 6.6: Examples of 3 ISO settings: ISO100, ISO200, ISO300.

7. TRANSFERRING PHOTOS AND VIDEOS TO COMPUTER

To transfer your media files to a computer:

1. Connect the camcorder to your computer using the provided TYPE-C cable.
2. On the camcorder's screen, select the "MSDC" mode.
3. Your computer will recognize the camcorder as a removable storage device, allowing you to access and transfer files.

7 Kinds of exposure compensation



Image 7.1: Instructions for connecting the camcorder to a computer for file transfer.

8. MAINTENANCE

8.1 Cleaning

- Use a soft, dry cloth to clean the camcorder body.
- For the lens, use a specialized lens cleaning cloth and solution. Avoid touching the lens directly with your fingers.
- Do not use harsh chemicals or abrasive cleaners.

8.2 Storage

- Store the camcorder in a cool, dry place away from direct sunlight and extreme temperatures.
- Remove batteries if the camcorder will not be used for an extended period.

9. TROUBLESHOOTING

If you encounter issues with your camcorder, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Camcorder does not power on.	Battery is drained or incorrectly inserted.	Ensure battery is fully charged and correctly inserted. Try the second battery.
Cannot record video/take photos.	SD card is full, locked, or not inserted.	Check SD card status. Ensure it is unlocked, has sufficient space, and is properly inserted.
Poor image/video quality.	Lens is dirty, insufficient lighting, or incorrect settings.	Clean the lens. Use the LED fill light or adjust exposure/ISO settings.
Computer does not recognize camcorder.	Incorrect USB mode selected or faulty cable.	Ensure "PC Camera" or "MSDC" mode is selected. Try a different USB cable or port.

10. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	DV105
Video Capture Resolution	2.7K
Photo Resolution	56MP
Digital Zoom	16X
Screen Size	2.8 Inches (270-degree rotation)
Flash Memory Type	SD (up to 128GB supported, 32GB included)
Battery Type	NP-40 Lithium (2 included)
Connectivity Technology	USB (TYPE-C)
Item Weight	15.5 ounces
Product Dimensions	5.7 x 4.1 x 3.3 inches

11. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or contact MiiTune customer service directly. Keep your purchase receipt as proof of purchase.