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## DINGETU V099

# DINGETU V099 5K 64MP Camcorder Instruction Manual

Model: V099

## INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your DINGETU V099 5K 64MP Camcorder. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. This camcorder is designed for capturing high-resolution video and still images, featuring advanced capabilities such as IR Night Vision, Wi-Fi connectivity, and a 3.0-inch touch screen.

## WHAT'S IN THE BOX

Verify that all items listed below are included in your package:

- 1 x DINGETU V099 5K Camcorder
- 1 x External Microphone
- 2 x Rechargeable Li-ion Batteries (NP-40)
- 1 x DV Bag
- 1 x Lens Cap
- 1 x Lens Hood
- 1 x USB Cable
- 1 x User Manual
- 1 x Battery Holder (Charger)
- 1 x 32GB SD Card
- 1 x 2.4G Remote Control



Image: The DINGETU V099 5K 64MP Camcorder shown with its included accessories, including the external microphone, lens hood, remote control, and batteries.

## SETUP

1. **Charge Batteries:** Insert the provided Li-ion batteries into the battery holder and connect it to a power source using the USB cable. Ensure batteries are fully charged before first use.
2. **Insert SD Card:** Open the SD card slot cover. Insert the 32GB SD card (or another Class 10 or above SD/SDHC card up to 256GB) into the slot until it clicks.
3. **Format SD Card:** Before first use, it is required to format the SD card within the camcorder. Navigate to the 'Settings' menu on the camcorder's touch screen, locate 'Format SD Card', and confirm. This prepares the card for optimal performance with the device.
4. **Install Battery:** Open the battery compartment cover and insert a charged battery, ensuring correct polarity. Close the cover securely.
5. **Attach External Microphone:** Connect the external microphone to the designated microphone port on the camcorder. Ensure it is securely attached for optimal audio recording.
6. **Attach Lens Hood:** Align the lens hood with the front of the camcorder lens (37MM standard mount) and twist to secure it. The lens hood helps reduce glare and protects the lens.

# You Will Get Accessories



Image: A circular diagram illustrating the camcorder and its various included accessories, such as batteries, charger, lens hood, microphone, and remote control.

## OPERATING INSTRUCTIONS

### Power On/Off and Basic Navigation

- **Power On:** Press and hold the power button until the LCD screen illuminates.
- **Power Off:** Press and hold the power button again until the screen turns off.
- **LCD Touch Screen:** The 3.0-inch IPS touch screen allows for intuitive navigation through menus and settings. Tap icons or swipe to access different functions. The screen can rotate 270 degrees for flexible viewing angles.

### Video Recording

The camcorder supports various video resolutions:

- 5K/30FPS
- 4.7K/30FPS
- 4K/(60/30FPS)
- 2.7K/30FPS
- FHD/(60/30FPS)
- HD/(120/60/30FPS)

1. **Start/Stop Recording:** In video mode, press the record button to start recording. Press it again to stop.
2. **Resolution Selection:** Access the video settings menu via the touch screen to select your desired video resolution.
3. **Pause Function:** During recording, you can pause and resume video capture without creating a new file. This is useful for editing and continuity.
4. **Recording While Charging:** The camcorder supports recording while connected to a power source, extending recording time for longer sessions.
5. **Circular Video Recording:** This feature allows the camcorder to continuously record, overwriting the oldest files when the SD card is full.

## Ultra HD 5K & 30FPS & 64MP



 <p>Without Hood</p>	 <p>Engineering Plastic</p>	 <p>Low Refractive Index</p>
 <p>With Hood</p>	 <p>Prevent Rain and Snow</p>	 <p>Reducing Collision Damage</p>

Image: A visual comparison demonstrating the difference in detail and clarity between 5K and 2.7K video resolutions captured by the camcorder.



Image: A collage showcasing the camcorder's capabilities: live webcam output to a laptop, HDMI output to a television, and the ability to record while connected to a power bank for extended use.

## Photo Capture

The camcorder supports various photo resolutions:

- 64M/48M/30M/24M/20M/12M/8M/5M/3M

1. **Take a Photo:** Switch to photo mode and press the photo button to capture a still image.
2. **Continuous Shooting:** Enable this feature in the settings to capture a rapid sequence of photos with a single press.
3. **Timed Photo:** Set a timer (e.g., 3S, 10S, 15S, 20S) for delayed photo capture, allowing you to be in the shot.

## Special Features

- **IR Night Vision:** Activate IR Night Vision in low-light conditions to capture clear black and white footage or photos up to 7 meters.
- **LED Fill Light:** Use the built-in LED fill light to illuminate subjects in dark environments for improved visibility.
- **WiFi Function:** Download the 'Hello Cam' app on your smartphone. Connect your camcorder to your

phone via Wi-Fi to remotely control the camera, transfer files, and share content.

- **Webcam Function:** Connect the camcorder to your computer via USB to use it as a webcam for live streaming or video calls. Ensure the external microphone is connected for audio input.
- **Time Lapse:** Set the interval for time-lapse recording to capture changes over an extended period.
- **Slow Motion:** Record videos in slow motion for dramatic effects.
- **HDMI Output:** Connect the camcorder to an HDTV using an HDMI cable (not included) to view your recordings on a larger screen.
- **Image Rotation:** Adjust the image orientation in playback mode.
- **18X Digital Zoom:** Use the zoom controls to magnify distant subjects.
- **2.4G Wireless Remote Control:** Use the included remote control to operate the camcorder from a distance, ideal for self-recording or group photos.

## Infrared Night Vision Recording

Shoot vivid black and white photos & videos perform nature and high definition image in dark by IR light.



### General Shooting



VS

### LED Fill Light Shooting



Image: A visual demonstration of the camcorder's low-light capabilities, showing a comparison between general shooting and shooting with the LED fill light, alongside an example of infrared night vision recording.

## WiFi Connection & 2. 4G Remote Control

Download 'Hello Cam' APP on smart phone to share photos or videos with your friends in real time through social media



Image: The camcorder demonstrating its Wi-Fi connectivity for smartphone control and the use of the 2.4G wireless remote control for convenient operation.



Recording While Charging



Anti-shake



Touch Screen



Continuous Shooting



Time-lapse



IR Night Vision

Image: A collage illustrating various camcorder functions including recording while charging, anti-shake technology, touch screen interface, continuous shooting, time-lapse photography, and IR night vision.

## MAINTENANCE

- **Cleaning the Lens and Screen:** Use a soft, lint-free cloth specifically designed for optical surfaces to clean the lens and LCD screen. Avoid abrasive materials or harsh chemicals.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. If the camcorder will not be used for an extended period, remove the batteries.
- **Storage:** When not in use, store the camcorder in its protective bag in a dry, dust-free environment away from direct sunlight.
- **Firmware Updates:** Check the manufacturer's website periodically for any available firmware updates to ensure optimal performance and access to new features.

## TROUBLESHOOTING

- **SD Card Not Recognized:** Ensure the SD card is inserted correctly. If the issue persists, try formatting the card within the camcorder (this will erase all data). Ensure the card is Class 10 or above and up to 256GB.

- **Camera Not Recognized by Computer (Webcam Function):** Verify the USB connection. If compatibility issues arise, try a different USB port or computer. Ensure the external microphone is connected if using for audio input.
- **Poor Video/Image Quality:** Ensure adequate lighting conditions. Check the selected resolution settings (e.g., 5K, 64MP). Clean the lens.
- **No Sound with External Microphone:** Ensure the external microphone is securely plugged into the correct port. Check microphone settings in the camcorder menu.
- **Remote Control Not Working:** Ensure the remote control has working batteries. Point the remote directly at the camcorder's IR receiver.

## SPECIFICATIONS

Feature	Specification
Video Resolution	5K/30FPS, 4.7K/30FPS, 4K/(60/30FPS), 2.7K/30FPS, FHD/(60/30FPS), HD/(120/60/30FPS)
Video Format	MP4
Picture Resolution	64M/48M/30M/24M/20M/12M/8M/5M/3M
Photo Format	JPEG
Lens	F/3.6, f=7.36mm
Focal Distance	1.0m ~ +∞
Self-timer	Off/ 3S/ 10S/ 15S/ 20S
LCD Screen	3.0" HD Touch Screen (270° rotation)
Exposure Compensation	-2.0EV ~ +2.0EV
IR Infrared Light Range	<7.0m
White Balance	Auto/Daylight/Cloudy/Tungsten/Fluorescent(H)/Fluorescent(L)
Computer Interface	USB2.0 (high speed)
External Lens Support	37MM Standard mount (UV mirror, wide-angle lens, extender - not included)
Power Supply	Li-ion battery (NP-40) x2
Dimensions	126 (L) × 58 (H) × 57 (W) mm
Weight	Approx. 300±5g (battery excluded)
Supported Storage	SD/SDHC card up to 256GB (Class 10 or above)

Feature	Specification
Connectivity Technology	USB, WiFi
Special Features	IR Night Vision, WiFi Function, Webcam, Pause Function, External Microphone Support, 2.4G Remote Control, Time Lapse, Slow Motion, HDMI Output, Image Rotation, Interval Recording, Continuous Shooting, Circular Video Recording, Recording while Charging

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official DINGETU website. Our customer service team is available to assist with any questions or issues you may encounter.