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› TIMNUT 4K60FPS Mini Action Camera User Manual

TIMNUT GO4-60FPS

TIMNUT 4K60FPS Mini Action Camera User Manual

Model: GO4-60FPS

1. INTRODUCTION

The TIMNUT 4K60FPS Mini Action Camera is a compact and versatile device designed to capture high-quality video and photos in various environments. Its small size and robust features make it ideal for adventurers, sports enthusiasts, and everyday users.

Key features include 4K 60FPS video recording, a 1.69-inch IPS touchscreen for easy control, 6-axis stabilization, and IPX8 waterproofing up to 20 meters without an additional case. The camera supports multiple shooting modes and offers convenient Wi-Fi connectivity for seamless content transfer.



Figure 1.1: The TIMNUT 4K60FPS Mini Action Camera with its compact design and various accessories, including a 64GB SD card and mounting clip.

2. PRODUCT COMPONENTS

The package includes the following items:

- Camera Body
- Battery
- 64GB Card
- Dual-path Capsule Charging Dock
- Waterproof Case



Figure 2.1: All components included in the TIMNUT 4K60FPS Mini Action Camera retail package.

3. SETUP

3.1. Battery Installation

To install the battery:

1. Locate the battery cover on the bottom of the camera.
2. Turn down the black folding clasp.
3. Pinch the black folding clasp and gently lift it upwards to open the battery compartment.
4. Insert the battery into the compartment, ensuring correct orientation.

5. Close the battery cover firmly until it clicks into place.



Figure 3.1: Illustrated steps for opening the battery compartment and installing the battery.

3.2. SD Card Installation

Insert the provided 64GB Micro SD card into the designated slot, usually located near the battery compartment or on the side of the camera. Ensure the card is inserted with the correct orientation until it clicks into place.

3.3. Charging the Battery

Use the included dual-path capsule charging dock to charge the camera batteries. Connect the charging dock to a USB power source using a Type-C cable. The dock allows for simultaneous charging of both batteries, ensuring you are always ready to capture moments.

1200mAh built-in battery

Type-C Port. Supports charging while shooting.

120 mins 4K 24FPS	140 mins 2K 30FPS
130 mins 1080P 60FPS	150 mins 1080P 30FPS

A GoPro camera and its capsule charging dock. The camera is black with a lens on the front. The dock is black with a screen showing a boat on water. The background is a light blue clock face.

Figure 3.2: The portable 2-in-1 charging compartment, which also functions as an SD card reader when connected to a computer.

4. OPERATING INSTRUCTIONS

4.1. Basic Controls

The camera features intuitive controls for easy operation:

- **Power On/Off:** Long press the switch button.
- **Take Photo/Start Recording:** Short press the switch button.
- **End Recording:** Short press the switch button again.
- **Access Video/Photo Album:** Tap the designated area on the touchscreen.
- **Select Video Mode:** Tap the area to select different video modes.
- **Parameter Settings:** Access settings via the touchscreen.

6.0 EIS for Cycling Camera



Figure 4.1: Overview of the camera's physical buttons and touchscreen interface for navigation and control.

4.2. Touchscreen Navigation

The 1.69-inch IPS touchscreen provides a clear and responsive interface. Swipe down on the screen to turn on Wi-Fi. Slide up and down in specific areas to zoom in and out. The touchscreen allows for easy adjustment of settings and review of footage.

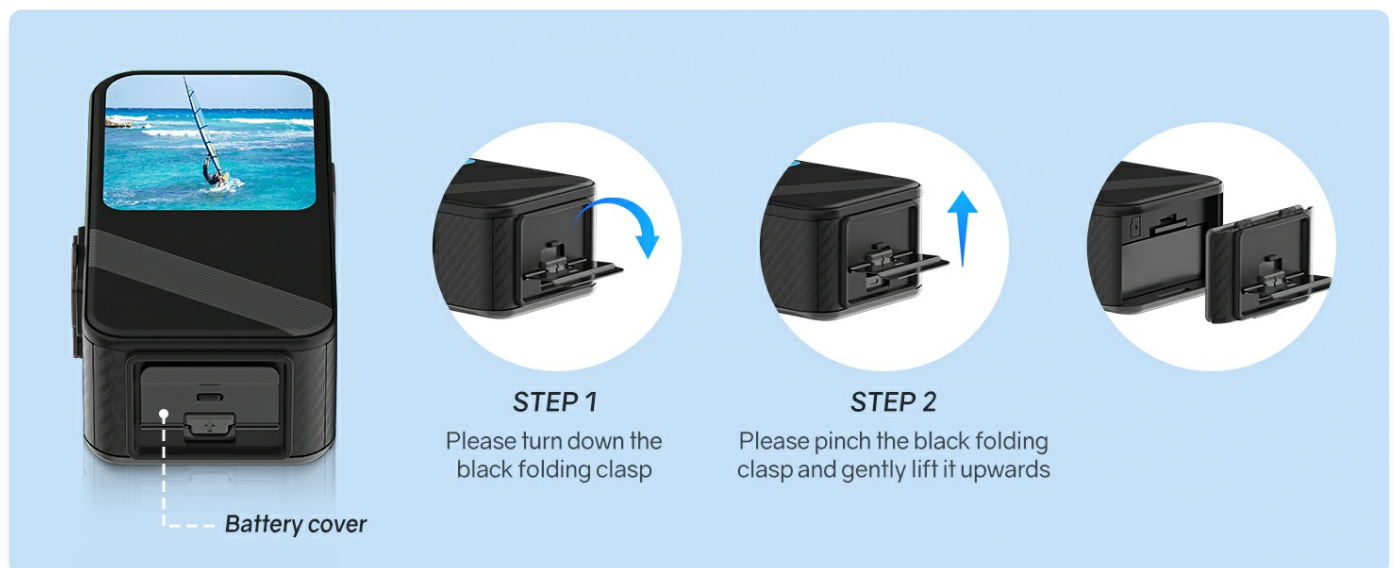


Figure 4.2: The ultra-clear 1.69-inch IPS touch screen for bright and easy navigation, setting changes, and mode switching.

4.3. Shooting Modes

The camera offers a variety of shooting modes to suit different scenarios:

- Regular Video

- Pre-recording (captures 12 seconds before you press record)
- Vertical Shooting
- Time-lapse
- Slow Motion
- Loop Recording
- Driving Mode
- Single Shot
- Burst Shot
- Timed Shot

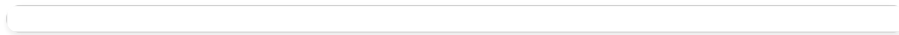


Figure 4.3: Various shooting modes including Slow Motion, Loop Recording, Continuous, and Timed Shooting to enhance creative possibilities.

4.4. Wi-Fi Connectivity

The camera supports 2.4G/5G dual Wi-Fi for fast download and transfer of photos and videos to your smartphone or other devices. This allows for easy sharing and remote control.



Figure 4.4: Illustrates the camera's Wi-Fi capability for quick media transfer to a smartphone.

4.5. Waterproof Operation

The TIMNUT Mini Action Camera is IPX8 waterproof up to 20 meters (65 feet) without the need for an additional waterproof case. This allows for direct underwater use for spontaneous diving and water sports.

12S PRE-RECORDING

Missed the highlights? Didn't get the shot you wanted? Pre-recording allows you to travel through time.



Figure 4.5: The camera's ability to operate underwater up to 20 meters without a separate housing.

4.6. Advanced Features

- **6-Axis Stabilization (EIS):** Ensures smooth and steady footage even in dynamic environments. This electronic image stabilization helps reduce blur from camera shake.



Figure 4.6: Demonstrates the effectiveness of 6.0 EIS for smooth video capture, particularly useful for cycling and other action sports.

- **Deformity Correction:** Corrects the 'fish-eye' effect often seen with wide-angle lenses, providing a more natural perspective.



Figure 4.7: Shows how deformity correction eliminates the fish-eye effect for a more natural image.

- **8x Digital Zoom:** Allows you to focus on distant details in both photo and video modes.

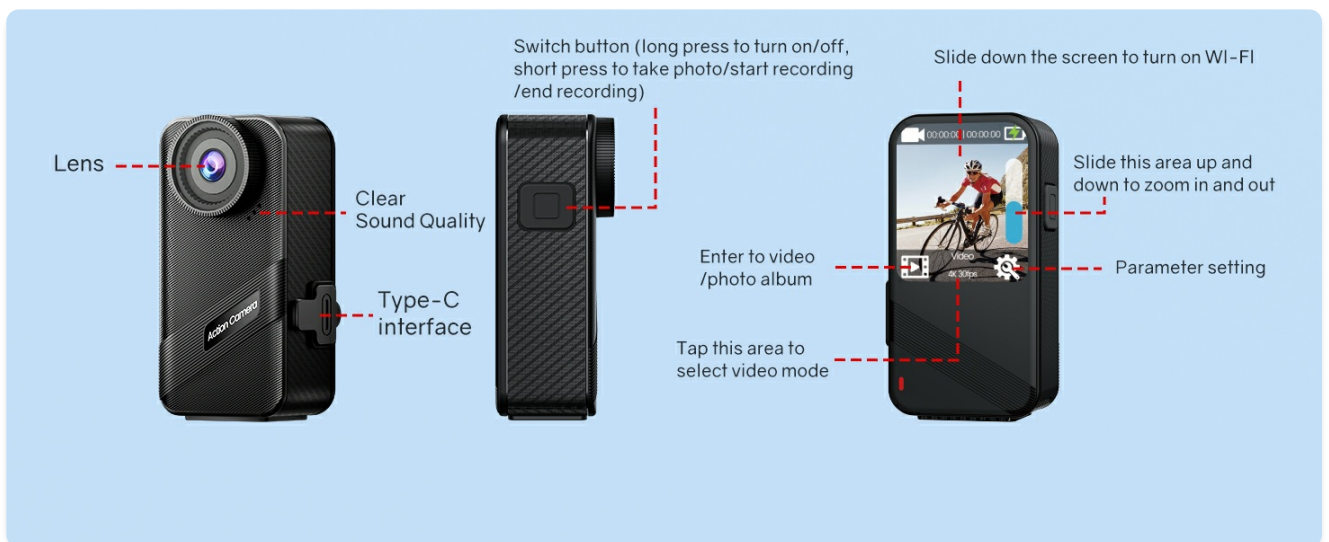


Figure 4.8: Demonstrates the 8x digital zoom capability, allowing users to focus on distant subjects.

- **Low Light Shooting:** Enhanced performance in low light conditions to capture clear and vibrant images.

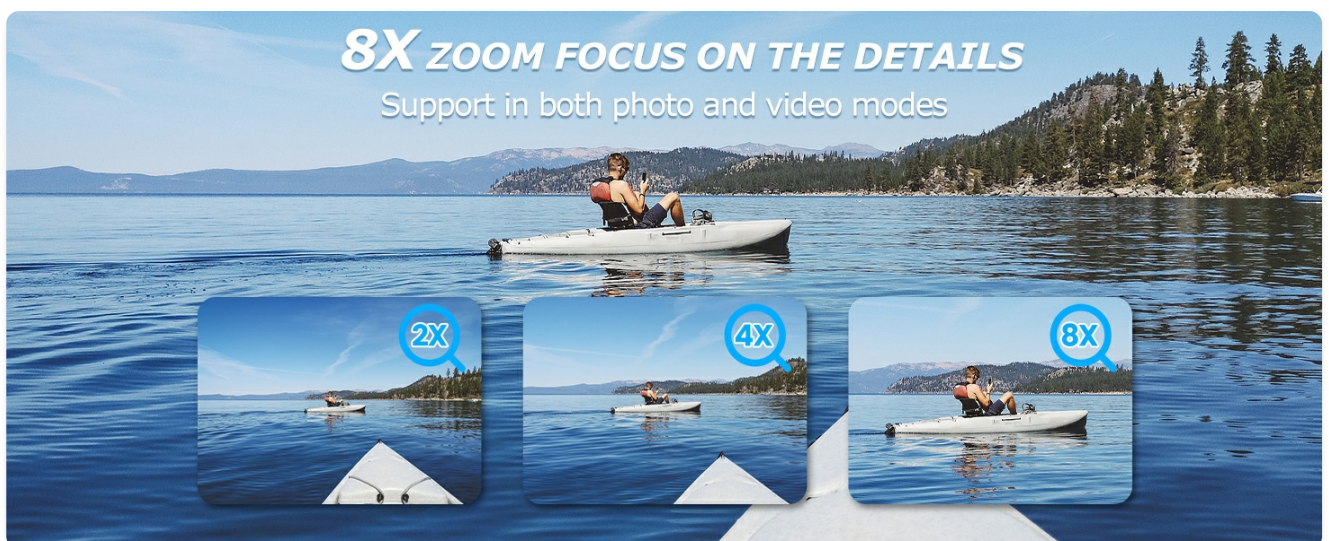


Figure 4.9: Illustrates improved image quality in low light conditions with the camera's optimized settings.

- **Remote Control:** The camera supports wireless remote control for convenient operation from a distance.



Figure 4.10: The sensitive remote control allows for convenient operation of the camera, ideal for action shots.

5. MAINTENANCE

5.1. Cleaning

To maintain optimal performance and appearance:

- Wipe the camera body with a soft, damp cloth. Avoid abrasive cleaners.
- For the lens, use a specialized lens cleaning cloth and solution. Do not touch the lens with your fingers.
- Ensure the Type-C interface and battery compartment are free of dust and debris.

5.2. Storage

When not in use, store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods to prevent discharge or damage.

5.3. Battery Care

To prolong battery life:

- Fully charge the batteries before first use.
- Avoid completely draining the battery before recharging.
- Store batteries in a cool, dry place.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your TIMNUT Mini Action Camera.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Camera does not power on.	Low or depleted battery; Battery not properly installed.	Charge the battery fully. Ensure the battery is inserted correctly and the battery cover is securely closed.
Wi-Fi connection issues.	Incorrect Wi-Fi settings; App issues; Interference.	Ensure Wi-Fi is enabled on the camera (swipe down on touchscreen). Restart both camera and smartphone. Check for app updates. Try connecting in a different location to rule out interference.
Recording stops unexpectedly.	SD card full; SD card speed too slow; Overheating.	Delete unnecessary files or replace SD card. Use a high-speed (U3 or V30) Micro SD card. Allow camera to cool down if it feels hot.
Poor image/video quality.	Dirty lens; Incorrect settings; Low light conditions.	Clean the lens with a soft cloth. Check resolution and frame rate settings. Utilize low light shooting mode if applicable.
Battery door not closing properly.	Misalignment; Obstruction.	Ensure the battery is fully seated and no foreign objects are obstructing the latch. Gently align the clasp and press firmly until it clicks.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	1.3 x 1.3 x 0.8 inches
Item Weight	14.4 ounces
Batteries	1 Lithium Ion batteries required (included)
Photo Sensor Technology	CMOS
Video Capture Resolution	4K
Flash Memory Type	Micro SD
Video Capture Format	MP4
Screen Size	4.24 Centimeters (1.69 inches)
Connectivity Technology	Wi-Fi
Color	Black
Special Feature	Zoom
Optical Zoom	8 x

Feature	Detail
Manufacturer	TIMNUT
Date First Available	December 30, 2024

8. WARRANTY AND SUPPORT

TIMNUT is committed to providing high-quality products and excellent customer service. For any inquiries or assistance, please refer to the following:

- **30-Day Refund:** If you are not satisfied with your purchase, you may be eligible for a refund within 30 days.
- **365-Day Replacement:** The product is covered by a 365-day replacement policy for manufacturing defects.
- **24-Hour Troubleshooting:** Dedicated support is available for troubleshooting assistance within 24 hours.
- **Lifetime Support:** TIMNUT offers lifetime support for its products.

For further assistance, please visit the official TIMNUT store or contact customer service through the platform where you purchased the product.



Figure 8.1: Overview of TIMNUT's customer support and warranty policies.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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