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AOTULIGHT 5K

AOTULIGHT Action Camera 5K User Manual

Model: 5K

Introduction

This user manual provides comprehensive instructions for operating your AOTULIGHT 5K Action Camera. Designed for capturing high-quality video and photos in various environments, this camera features 5K 60fps UHD video, 20MP HDR photos, Super Smooth stabilization, and waterproof capabilities. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

Figure 1: AOTULIGHT 5K Action Camera and included accessories. The camera is shown with water droplets, highlighting its waterproof design, alongside various mounts, batteries, and a remote control.

What's in the Box

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

- 1x Sports Camera
- 1x 64G SD Card
- 2x Camera Batteries
- 1x Battery Charger
- 1x Remote Control
- 3x Bike Stands
- 1x Waterproof Shell Base
- 1x Spanner
- 1x Short Bracket

- 1x Screw
- 1x Helmet Base
- 1x Back Splint
- 2x Double-sided Film
- 4x Straps
- 1x USB Charger

Figure 2: Visual representation of the camera and all included accessories, such as batteries, charger, remote, and various mounting options.

Setup

1. Battery Installation and Charging

Insert the camera batteries into the dual battery charger. Connect the USB charger to the battery charger and a power source. The Type-C interface on the camera also supports direct charging and data transmission.

Figure 3: The camera can be charged directly via its Type-C port, which also facilitates data transfer. Additionally, a dual battery charger is included, allowing both batteries to charge simultaneously.

2. SD Card Installation

Locate the SD card slot on the camera. Insert the provided 64GB Micro SD card until it clicks into place. Ensure the card is inserted correctly to avoid damage.

3. Attaching Accessories

The camera comes with a variety of mounts and accessories for different activities. Refer to the "What's in the Box" section for a list of included items. Attach the appropriate mount (e.g., bike stand, helmet base) as needed for your recording scenario. The waterproof housing can be used for deeper underwater adventures.

Operating the Camera

1. Power On/Off and Basic Controls

Press and hold the power button to turn the camera on or off. Use the mode button to cycle through different recording modes (video, photo, playback, settings). The rear 2.0-inch touch screen allows for intuitive navigation and setting adjustments.

Figure 4: The camera features a 1.5-inch front color screen and a 2.0-inch rear touch screen, providing versatile viewing and control options for different shooting angles.

2. Video Recording

The camera supports 5K 60fps Ultra HD video recording. To start recording, select video mode and press the record button. The camera also features HDR recording for enhanced detail in highlights and shadows.

3. Photo Capture

Capture stunning 20MP photos, with a 48MP field of view supported by the advanced chip and 7G lens. Switch to photo mode and press the shutter button to take a picture.

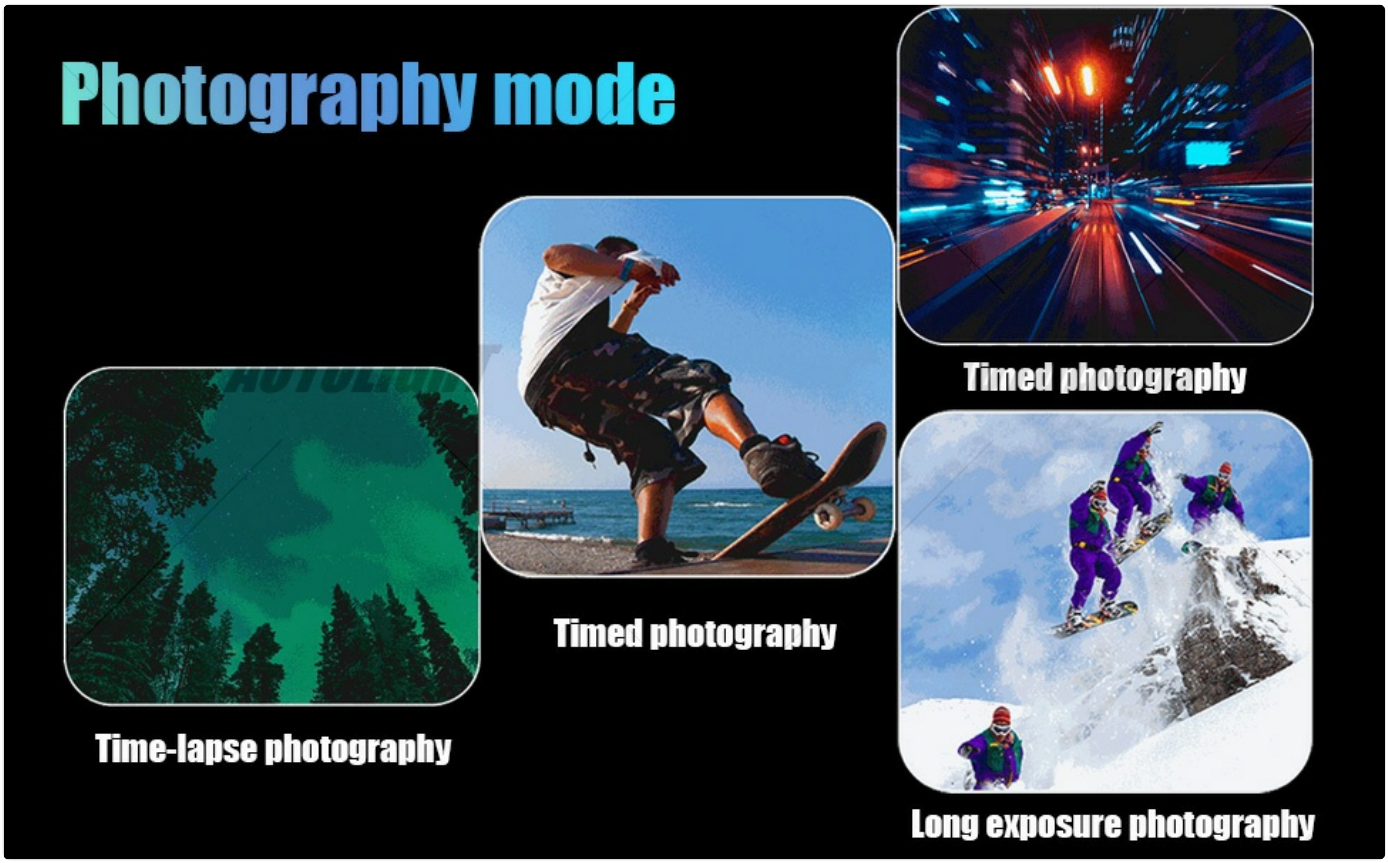

Figure 5: The camera offers various photography modes, including Time-lapse photography, Timed photography, and Long exposure photography, allowing for creative capture of different scenes.

4. Stabilization (EIS)

Benefit from the latest Supersmooth technology, featuring a 2-in-1 stabilization system that combines an anti-shake component with an auto-smoothing algorithm. This ensures silky smooth footage even during fast-paced activities. The camera also supports Hyperlapse for stable time-lapse videos.

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Video 1: This video demonstrates the Electronic Image Stabilization (EIS) feature of the AOTULIGHT Sports Camera, showcasing how it effectively reduces shake and provides smoother footage compared to when EIS is off.

5. Waterproof Capabilities

The camera is waterproof up to 98 ft (30m) without additional housing, making it suitable for direct use in water. For depths up to 131 ft (40m), use the included waterproof housing. This robust design is ideal for capturing underwater footage.

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Video 2: This video showcases the waterproof capabilities of the action camera, demonstrating its ability to capture clear footage both above and below the water surface, including scenes with fish and underwater environments.

6. Remote Control

The included 2.4G wear remote control allows for convenient operation of the camera from a distance, enabling you to capture full-body shots or start/stop recording without touching the camera.

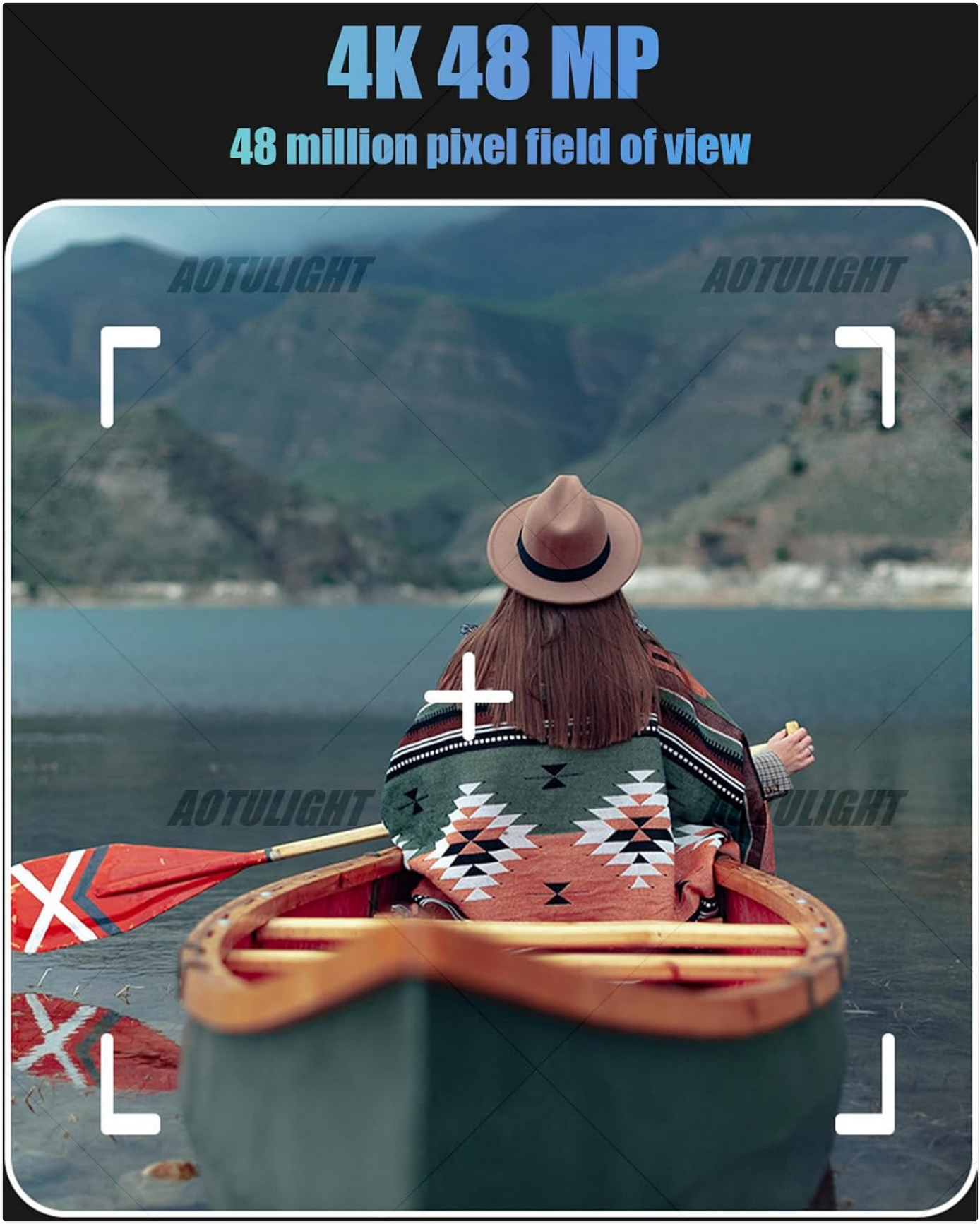

Figure 6: The camera can be controlled remotely using the 2.4G wear remote, making it easy to capture photos or videos from a distance, ideal for self-portraits or group shots.

7. Battery Life

The camera provides approximately 120 minutes of continuous use on a full charge, ensuring ample recording time for your adventures.

Maintenance

1. Cleaning

After use, especially in saltwater environments, rinse the camera with fresh water and dry it thoroughly with a soft, lint-free cloth. Clean the lens with a specialized lens cleaning cloth. Do not use harsh chemicals or abrasive materials.

2. Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.

3. Waterproof Seal Care

Regularly inspect the waterproof seals and O-rings for any signs of wear or damage. Keep them clean and free of debris. If using the waterproof housing, ensure it is properly sealed before submerging.

Troubleshooting

- **Camera not turning on:** Ensure the battery is fully charged and correctly inserted. Try a different battery if available.
- **Recording issues (freezing, corrupted files):** Check if the SD card is properly inserted and has sufficient free space. Format the SD card (this will erase all data) or try a different, high-speed SD card.
- **Poor image/video quality:** Ensure the lens is clean and free from smudges. Check lighting conditions. Adjust camera settings like resolution, frame rate, and HDR if applicable.
- **Water leakage:** Immediately remove the camera from water. Check all seals and the battery/SD card compartment for proper closure and any damage. Do not use the camera in water again until the issue is resolved.
- **Remote control not working:** Ensure the remote control battery is not depleted. Re-pair the remote with the camera if necessary, following the pairing instructions in the full manual (if available).

Specifications

Feature	Description
Brand Name	AOTULIGHT
Model Number	5K
Video Capture Resolution	5K 60fps UHD (as per product title)
Photo Resolution	20MP (up to 48MP with chip and 7G lens)
Waterproof Depth	Up to 98 ft (30m) without case; 131 ft (40m) with waterproof housing
Stabilization	Supersmooth Technology (2-in-1 anti-shake & auto-smoothing algorithm)
Screen Size	Front: 1.5 inches; Rear: 2.0 inches (touch screen)
Lens	7G lens, 170° Ultra Wide Angle
Connectivity	Wi-Fi, Infrared (for remote control)
Flash Memory Type	Micro SD (64GB card included)
Battery Life	Approx. 120 minutes of use
Special Features	Waterproof, Built-In Flash, 360 Degree Capture, Anti-Shake, Time Lapse, HDR

Warranty and Support

AOTULIGHT stands behind its products and provides excellent customer service. For any inquiries or support you may need, please refer to the contact information provided with your product packaging or visit the official AOTULIGHT website. Your purchase is covered by a standard warranty, details of which can be found in the warranty card included in the box.
For additional support, you may also refer to the AOTULIGHT Store on Amazon.

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