

mafiti D50

mafiti 4K Underwater Camera D50 User Manual

Model: D50

1. INTRODUCTION

Welcome to the user manual for your mafiti 4K Underwater Camera D50. This guide provides essential information for setting up, operating, and maintaining your camera to ensure optimal performance and longevity. Please read this manual thoroughly before using the camera.

2. SAFETY INFORMATION

- Ensure all port covers and the battery compartment are securely closed and latched before submerging the camera in water. Failure to do so will result in water damage and void the warranty.
- Do not exceed the maximum waterproof depth of 33 feet (10 meters).
- Avoid exposing the camera to extreme temperatures or direct sunlight for extended periods.
- Keep the camera away from strong magnetic fields.
- Use only the specified battery type and charging cable.
- Do not attempt to disassemble or modify the camera.

3. PACKAGE CONTENTS

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

- mafiti 4K Underwater Camera D50
- User Manual
- Type-C Charging Cable
- Strap
- Camera Bag
- 32GB Memory Card

PORTABLE OUTDOOR CAMERA



Camera Bag



User Manual



Type-C
Charging Cable



Strap

Figure 3.1: Included accessories with the mafiti D50 camera.

4. CAMERA OVERVIEW

Familiarize yourself with the camera's components and controls.



Figure 4.1: Front and rear view of the mafiti D50 camera with labeled components.

4.1. Controls and Ports

- **Shutter Button:** Press to capture photos or start/stop video recording.
- **Power On/Off Button:** Press and hold to turn the camera on or off.
- **Flashlight:** Provides illumination in low-light conditions.
- **SOS Button:** Activates the SOS flashlight function.
- **Zoom In/Out Buttons:** Adjust the digital zoom level.
- **Screen Switching Button:** Toggles between the front and rear screens.
- **Okay/Confirm Button:** Confirms selections in menus.
- **Return Button:** Navigates back in menus.
- **TF Card Slot:** Insert your MicroSD card here.
- **Type-C USB Port:** For charging and data transfer.
- **Door Switch:** Secures the compartment for the TF card and USB port.
- **Lock Bracket Nut:** For mounting the camera on a tripod or other accessories.

5. SETUP

5.1. Charging the Battery

The camera has a built-in 2500mAh rechargeable Lithium-Ion battery. Before first use, fully charge the battery.

1. Open the door switch on the side of the camera.
2. Connect the included Type-C USB cable to the camera's USB port and the other end to a USB power adapter (not included) or a computer.
3. The charging indicator light will illuminate. It will turn off or change color when charging is complete.

5.2. Inserting a Memory Card

A MicroSD card (up to 32GB recommended) is required to store photos and videos. A 32GB card is included.

1. Ensure the camera is powered off.
2. Open the door switch on the side of the camera.
3. Insert the MicroSD card into the TF card slot with the gold contacts facing the front of the camera until it clicks into place.
4. Close the door switch securely until it latches.

5.3. Initial Power On and Settings

1. Press and hold the Power On/Off button to turn on the camera.
2. If prompted, set the date and time using the navigation buttons and the Okay button.
3. Navigate through the menu to adjust settings such as resolution, white balance (e.g., Underwater mode), and other preferences.

6. OPERATING THE CAMERA

6.1. Taking Photos and Recording Videos

The camera supports 48MP photos and 4K video recording.

1. Turn on the camera.
2. Select photo or video mode from the menu.
3. Frame your shot using the rear or front screen.
4. Press the Shutter button to take a photo or to start/stop video recording.



Figure 6.1: Key features for capturing photos and videos.

6.2. Using Dual Screens

The camera features a 2.8-inch rear screen and a 1.44-inch front screen for versatile framing.

- Press the Screen Switching button to toggle between the main rear display and the front selfie screen.
- The front screen is ideal for self-portraits or group selfies.



Figure 6.2: Dual screen functionality for easy framing.

6.3. Zoom Function

Use the Zoom In/Out buttons to adjust the digital zoom up to 18x.

6.4. Flashlight and SOS Function

- The built-in flashlight can be activated for additional lighting.
- Press the SOS button to activate the emergency flashlight signal.

6.5. Connecting to a Computer

Transfer photos and videos to your computer using the Type-C USB cable.

1. Connect the camera to your computer using the Type-C USB cable.
2. The camera will appear as a removable disk drive on your computer.
3. Access the camera's storage to copy files.

7. MAINTENANCE

7.1. Waterproofing Care

- Always ensure the battery and memory card compartment door is clean and free of debris before closing.

- Regularly inspect the rubber seals around the compartment door for any signs of damage or wear. Replace if necessary.
- After using the camera in saltwater, rinse it thoroughly with fresh water and allow it to air dry completely before opening any compartments.

7.2. Cleaning the Camera

- Use a soft, lint-free cloth to clean the camera body.
- For the lens and screens, use a specialized lens cleaning cloth and solution to avoid scratches.
- Do not use harsh chemicals or abrasive materials.

7.3. Battery Care and Storage

- Store the camera in a cool, dry place when not in use.
- For long-term storage, charge the battery to approximately 50% to prolong its lifespan.
- Avoid fully discharging the battery frequently.

8. TROUBLESHOOTING

If you encounter issues with your camera, refer to the following common problems and solutions:

Problem	Possible Solution
Camera does not power on.	Ensure the battery is fully charged. Press and hold the power button for several seconds.
Water inside the camera.	Immediately power off the camera. Open all compartments and allow to dry completely. This indicates a breach in the waterproof seal; contact support.
Memory card error.	Ensure the memory card is inserted correctly. Try formatting the card (this will erase all data). Use a compatible MicroSD card (up to 32GB).
Images are blurry.	Clean the lens. Ensure adequate lighting. Check if autofocus is enabled.
Battery drains quickly.	Reduce screen brightness. Limit continuous video recording. Ensure no background processes are running.

9. SPECIFICATIONS

Key technical specifications for the mafiti 4K Underwater Camera D50:

- **Model:** D50
- **Water Resistance Depth:** Up to 33 feet (10 meters)
- **Photo Resolution:** 48 Megapixels (MP)
- **Video Resolution:** 4K (2160p)
- **Optical Zoom:** 18x
- **Photo Sensor Technology:** CMOS
- **Display Type:** LCD
- **Screen Size:** Rear 2.8 Inches, Front 1.44 Inches
- **Battery Capacity:** 2500 mAh Lithium Ion
- **Memory Storage:** Supports MicroSD cards (up to 32GB)
- **Connectivity:** USB Type-C
- **Special Features:** Dual Screens, Autofocus, Continuous Shooting, Timed Captures, SOS Flashlight, Anti-shake, Dustproof

- **Weight:** 0.41 Kilograms

10. WARRANTY AND SUPPORT

Your mafiti 4K Underwater Camera D50 is covered by a manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions. For technical support, troubleshooting assistance, or warranty claims, please contact mafiti customer service through the retailer where the product was purchased or visit the official mafiti brand store online.

Visit the [mafiti Store](#) for more information.