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Tonfarb D70

Tonfarb D70 4K 48MP Underwater Digital Camera Instruction Manual

Model: D70 | Brand: Tonfarb

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1. GETTING STARTED

1.1 Package Contents

Verify that all items are present in the package:

- 1x Tonfarb D70 4K Underwater Camera (includes 32GB TF Card)
- 1x Camera Bag
- 1x Instruction Manual
- 1x Lanyard
- 1x Type-C Charging Cable

Package Includes



Image: Contents of the Tonfarb D70 package, including the camera, bag, manual, lanyard, and charging cable.

1.2 Battery Installation and Charging

The camera uses a 1200mAh rechargeable Lithium-Ion battery. Ensure the battery is fully charged before first use.

1. Locate the battery compartment on the camera.
2. Open the compartment cover. Ensure it is dry before opening.
3. Insert the battery according to the polarity indicators.
4. Close the compartment cover securely until it clicks into place. This is crucial for maintaining the camera's waterproof seal.
5. Connect the camera to a power source using the provided Type-C USB cable for charging. The charging indicator will illuminate.



Image: Illustration of the 1200mAh rechargeable battery and Type-C charging port.

1.3 Memory Card Installation

A 32GB TF (MicroSD) card is included with the camera.

1. Locate the memory card slot, typically near the battery compartment.
2. Insert the TF card with the gold contacts facing the correct direction until it clicks into place.
3. To remove, gently push the card in until it springs out.

2. CAMERA OPERATION

2.1 Power On/Off

Press and hold the Power button to turn the camera on or off.

2.2 Mode Selection

Use the 'M' (Mode) button to switch between different shooting modes, such as Photo and Video.

2.3 Dual-Screen Function

The camera features a 2.88-inch rear IPS screen and a 1.44-inch front display for easy selfies and framing. In camera mode, press the designated button (often indicated by an icon or 'OK' button) to instantly switch between the front and rear screens.

Dual-Screen Design



Image: The camera demonstrating its dual-screen design, allowing users to switch between the front and rear displays.

**Make Selfies
Easier and Clearer**



Image: A child using the front screen for an underwater selfie, highlighting the ease of use for self-portraits.

2.4 Autofocus

The smart autofocus system helps capture sharp images. Half-press the shutter button; the frame will turn green when focus is achieved. Then, fully press the shutter to take the photo.

Autofocus Function



Image: A visual comparison showing the clarity of an image captured with autofocus versus without autofocus.

2.5 Fill Light

The built-in fill light enhances visibility and image quality in low-light conditions or murky waters. Activate the fill light as needed through the camera's menu or a dedicated button.



Image: Demonstrates the effect of the built-in fill light, showing improved clarity and color in low-light underwater scenes.

2.6 Zoom Function

The camera features 18x digital zoom. Use the 'W' (Wide) and 'T' (Telephoto) buttons to adjust the zoom level, allowing you to capture details from a distance.



Image: A sequence of images illustrating the 18x digital zoom capability, showing how details can be captured from varying distances.

2.7 Self-Timer

The self-timer function allows you to set a delay before taking a photo, useful for group shots or self-portraits. Options typically include 2-second, 5-second, and 10-second delays.



Image: Depicts the triple timer mode options (2s, 5s, 10s) for setting a delay before capturing a photo.

2.8 Continuous Shooting

For capturing fast-moving subjects or a sequence of actions, the continuous shooting mode allows the camera to take multiple photos in quick succession.



Image: An illustration of the 5-shot high-speed continuous shooting mode, ideal for capturing dynamic moments.

2.9 Underwater Use

The Tonfarb D70 is waterproof up to 10 feet (3 meters). It is suitable for activities such as snorkeling, surfing, swimming, and kayaking. Ensure all compartment covers are securely sealed before submerging the camera.



Image: A child swimming underwater with the Tonfarb D70 camera, demonstrating its 10-foot waterproof capability.

Multifunctional Waterproof Camera



Snorkeling



Surfing



Swimming



Rafting

Image: Collage showing the camera being used for snorkeling, surfing, swimming, and rafting, highlighting its versatility for water sports.

3. CARE AND MAINTENANCE

3.1 Waterproof Seal Inspection

Before each underwater use, inspect the battery and memory card compartment seals for any debris, cracks, or damage. A compromised seal can lead to water leakage and damage the camera.

3.2 Cleaning

- After using the camera in saltwater, rinse it thoroughly with fresh water.
- Wipe the camera dry with a soft, clean cloth.
- Use a lens cleaning cloth for the camera lens and screens. Avoid abrasive materials.

3.3 Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the battery compartment is securely closed even when not in use.

4. TROUBLESHOOTING

Issue	Possible Cause	Solution
Camera does not power on	Low battery; improperly installed battery; damaged battery.	Charge the battery fully. Ensure the battery is inserted correctly. If the issue persists, replace the battery.
Water leakage after underwater use	Battery/memory card compartment not sealed properly; damaged waterproof seals.	Ensure all compartment covers are securely closed before submerging. Inspect seals for damage; if damaged, contact customer support.
Blurry images	Lens fogging; dirty lens; focus issue; water droplets on lens.	Clean the lens. Ensure autofocus is engaged. Allow camera to dry if fogging occurs. Avoid taking photos with water droplets on the lens.
Memory card error	Improperly inserted card; corrupted card; incompatible card.	Reinsert the memory card. Format the card (this will erase all data). Try a different compatible memory card.
Camera freezes or becomes unresponsive	Software glitch; low battery.	Remove and reinsert the battery to reset the camera. Ensure the battery is charged.

5. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Tonfarb
Model Name	D70 Underwater Camera
Maximum Webcam Image Resolution	48 MP
Photo Sensor Technology	CMOS
Video Resolution	2160p (4K)
Water Resistance Level	Waterproof
Water Resistance Depth	10 Feet (3 Meters)
Optical Zoom	1x
Digital Zoom	18x
Screen Size	2.88 Inches (Rear IPS), 1.44 Inches (Front)
Display Type	LCD
Battery Type	Lithium Ion
Battery Capacity	1200 Milliamp Hours
Battery Average Life	90 minutes (video recording)

Feature	Detail
Memory Storage Capacity	32 GB (TF Card included)
Supported File Format	AVI (Video)
Connectivity Technology	USB (Type-C)
Special Features	Waterproof, Compact, Lightweight, Built-In Microphone, Dust Resistant, Self Timer, Autofocus, Fill Light
Enclosure Material	Acrylonitrile Butadiene Styrene (ABS)
Dimensions (Approx.)	Length: 4.09in, Width: 2.60in, Thickness: 1.26in



Image: The Tonfarb D70 camera showcasing its compact and lightweight design with approximate dimensions.

6. WARRANTY INFORMATION

The Tonfarb D70 Underwater Digital Camera comes with a **2-year limited warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual.

Please retain your proof of purchase for warranty claims.

7. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please refer to the contact information provided on the product packaging or the official Tonfarb website. Our customer support team is available to assist you with any questions or concerns regarding your Tonfarb D70 camera.