

## Olympus TG-6

# Olympus Tough TG-6 Waterproof Camera User Manual

Model: TG-6

## INTRODUCTION

The Olympus Tough TG-6 is a durable digital camera designed for use in challenging environments. It features a 12MP BSI CMOS sensor and TruePic VIII image processor, offering high-quality stills and 4K video recording. This camera is waterproof, crushproof, shockproof, freezeproof, and dustproof, making it suitable for various outdoor activities. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your TG-6 camera.

## SAFETY INFORMATION

- **Waterproof Integrity:** Ensure all covers (battery/card compartment, USB/HDMI ports) are securely closed before exposing the camera to water. Clean and dry the camera thoroughly after underwater use.
- **Battery Safety:** Use only the specified Olympus LI-92B battery. Do not expose batteries to excessive heat, fire, or attempt to disassemble them.
- **Temperature Extremes:** While the camera is designed for extreme temperatures, avoid prolonged exposure to direct sunlight or extremely cold conditions when not in use to preserve battery life and internal components.
- **Cleaning:** Use a soft, lint-free cloth for cleaning. For the lens, use a specialized lens cleaning solution and cloth. Avoid harsh chemicals.

## PACKAGE CONTENTS

Verify that the following items are included with your Olympus Tough TG-6 camera:

- Olympus Tough TG-6 Digital Camera
- LI-92B Rechargeable Lithium-Ion Battery
- F-5AC Adapter (for charging)
- Micro-USB Cable
- Hand Strap

## CAMERA OVERVIEW

Familiarize yourself with the camera's physical features and controls.



**Figure 1: Front View.** This image displays the front of the Olympus Tough TG-6 camera, highlighting the central lens, the built-in flash, and the prominent 'Tough' branding indicating its durable design.



**Figure 2: Back View.** This image shows the rear of the Olympus Tough TG-6 camera, featuring the large LCD monitor and various control buttons for navigation and settings adjustments.



**Figure 3: Top View.** This image illustrates the top panel of the Olympus Tough TG-6 camera, including the power button, shutter release button, and the mode dial for selecting shooting modes.





**Figure 4: Side View with Ports.** This image displays the side of the Olympus Tough TG-6 camera with the protective cover open, exposing the Micro USB and HDMI ports for connectivity.

## SETUP

### 1. Inserting the Battery and Memory Card

1. Open the battery/card compartment cover on the bottom of the camera.
2. Insert the LI-92B battery with the correct orientation until it clicks into place.
3. Insert an SD, SDHC, or SDXC memory card (up to 64GB supported) into the card slot until it clicks.

4. Close the compartment cover securely until it locks.

## 2. Charging the Battery

- Connect the camera to the F-5AC adapter using the Micro-USB cable.
- Plug the adapter into a power outlet. The charging indicator will illuminate.
- Charging is complete when the indicator light turns off.

## 3. Initial Settings

- Press the **ON/OFF** button to power on the camera.
- Follow the on-screen prompts to set the language, date, and time.

# OPERATING THE CAMERA

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## 1. Basic Photography

1. Turn the mode dial to the desired shooting mode (e.g., **i-Auto** for automatic settings).
2. Frame your shot using the LCD monitor.
3. Press the shutter button halfway to focus. The focus frame will turn green when focus is achieved.
4. Press the shutter button fully to take the picture.

## 2. Video Recording

- To start recording video, press the dedicated **Movie Record Button**.
- Press the button again to stop recording. The camera supports 4K video recording.

## 3. Zoom Function

- Use the **Zoom Lever (T/W)** to adjust the optical zoom (4x) and digital zoom.

## 4. Waterproof Usage

- The TG-6 is waterproof to 15m (50ft). Ensure all covers are clean and free of debris before closing.
- After use in saltwater, rinse the camera with fresh water and dry thoroughly with a soft cloth.

# ADVANCED FEATURES

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## 1. Wi-Fi Connectivity

- The built-in Wi-Fi allows you to connect the camera to a smartphone or tablet using the Olympus Image Share (OI.Share) app.
- This enables remote control of the camera and wireless transfer of images and videos.

## 2. GPS and Field Sensor System

- The camera features a Field Sensor System that records location (GPS), temperature, depth, and direction data.
- This data can be viewed on the camera or with the OI.Track app.

## 3. Microscope Mode

- Turn the mode dial to **Microscope** mode for extreme close-up photography.
- This mode allows focusing as close as 1cm from the subject.

# MAINTENANCE

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1. Cleaning the Camera

- Wipe the camera body with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly.
- For the lens, use a lens brush to remove dust, then gently wipe with a lens cleaning cloth and solution.
- Never use organic solvents like alcohol or paint thinner.

2. Battery Care

- Remove the battery if the camera will not be used for an extended period.
- Store batteries in a cool, dry place.

3. Storage

- Store the camera in a dry, well-ventilated area, away from direct sunlight and high temperatures.
- Avoid storing the camera in areas with high humidity or corrosive chemicals.

TRUBLESHOOTING

Problem	Possible Cause / Solution
Camera does not turn on.	Battery is depleted. Charge the battery. Battery is inserted incorrectly. Reinsert the battery correctly.
Images are blurry.	Lens is dirty. Clean the lens. Camera shake. Hold the camera steady or use a tripod. Subject is too close/far. Ensure subject is within focus range.
Water inside the camera.	Battery/card compartment cover was not securely closed. Immediately power off the camera, remove the battery, and contact Olympus service.
Memory card error.	Memory card is full. Delete unnecessary files or use a new card. Memory card is damaged. Try a different card. Format the card (this will erase all data).

SPECIFICATIONS

Feature	Detail
Sensor	12 MP BSI CMOS (1/2.3-inch)
Image Processor	TruePic VIII
Lens	4x Optical Zoom (25-100mm equivalent), f/2.0 maximum aperture
Video Recording	4K30p, Full HD 1080p at 120 fps
Continuous Shooting	Up to 20 fps
ISO Sensitivity	100-12800 (Expanded)
Display	3.0" 1.04m-Dot LCD Monitor
Durability	Waterproof to 15m (50ft), Crushproof to 100kgf, Shockproof to 2.1m (7ft), Freezeproof to -10°C (14°F), Dustproof

Feature	Detail
Connectivity	Built-in Wi-Fi, GPS, Micro USB, HDMI (Type D)
Memory Card Slot	SD/SDHC/SDXC (UHS-I compatible)
Battery	LI-92B Rechargeable Lithium-Ion

## WARRANTY AND SUPPORT

Your Olympus Tough TG-6 camera is covered by a manufacturer's warranty. Please refer to the warranty card included in your original packaging for specific terms and conditions. For technical support, service, or to download the full instruction manual, visit the official Olympus website or contact Olympus customer service in your region.

**Online Support:** [www.olympus-imaging.com](http://www.olympus-imaging.com)