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## Olympus TG-6

# OLYMPUS Tough TG-6 Waterproof Camera User Manual

Brand: **Olympus** | Model: **TG-6**

## INTRODUCTION

The Olympus Tough TG-6 is a rugged point-and-shoot camera designed for adventurous use. It features a 12MP BSI CMOS sensor and TruePic VIII image processor, offering clear images and strong low-light performance. The camera is built to withstand harsh environments, being waterproof, shockproof, crushproof, and freezeproof, making it an ideal companion for outdoor activities and underwater exploration.



Figure 1: Front view of the OLYMPUS Tough TG-6 Waterproof Camera.

## KEY FEATURES

- 12MP BSI CMOS Sensor
- TruePic VIII Image Processor
- 4x Optical Zoom Lens (25-100mm equivalent) with f/2 maximum aperture
- Waterproof to 50 feet (15m)
- Shockproof (2.1m / 7ft)

- Crushproof (up to 100kgf / 220lbf)
- Freezeproof (-10°C / 14°F)
- Dustproof
- 4K30p Video Recording
- High-Speed Full HD 1080p at 120 fps
- Built-in Wi-Fi and Field Sensor System (GPS, manometer, compass, thermometer)
- Underwater Shooting Modes (Snapshot, Wide, Macro, Microscope, HDR)
- Variable Macro System
- Pro Capture Mode

## SETUP

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### Unpacking

Verify that all items are present in the box. The standard package includes the Camera Body and essential Accessories such as a battery and USB cable.

### Battery Installation and Charging

Insert the provided battery into the battery compartment located on the side of the camera. Ensure it clicks into place. Connect the camera to a power source using the supplied USB cable for charging. The charging indicator will show the charging status.

### Memory Card Insertion

The camera requires a compatible SD memory card (not always included) to store photos and videos. Open the memory card slot cover, located next to the battery compartment, and insert the SD card with the label facing the front of the camera until it locks into place. Close the cover securely.

## OPERATING THE CAMERA

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### Power On/Off

Press the **ON/OFF** button located on the top of the camera to power it on or off. The LCD screen will illuminate.



*Figure 2: Top view showing the ON/OFF button and mode dial.*

### Basic Photography

To take a photo, frame your subject using the LCD screen and press the shutter button located on the top of the camera. The camera will automatically focus and capture the image.



Figure 3: User holding the camera, demonstrating the rear LCD screen in use.

## Shooting Modes

The TG-6 offers various shooting modes accessible via the mode dial and menu options on the rear LCD screen. Rotate the mode dial to select your desired shooting scenario.

## Underwater Modes

The camera features dedicated underwater modes for optimal results in aquatic environments. These include Underwater Snapshot, Wide, Macro, Microscope, and HDR. These modes adjust white balance and other settings to compensate for light conditions underwater.

Your browser does not support the video tag.

*Video 1: This video provides an overview of the Olympus Tough TG-6, highlighting its features and capabilities, including its robust design and various shooting modes.*

## Macro System

Utilize the Variable Macro System for detailed close-up shots. This includes Microscope mode for extreme magnification, allowing you to capture intricate details not visible to the naked eye.

## Pro Capture Mode

For capturing fast-moving subjects, Pro Capture mode records images before and after the shutter is fully pressed, ensuring you don't miss the decisive moment.

## Connectivity

The camera features built-in Wi-Fi for easy connection to your smartphone and a Field Sensor System for tracking environmental data.

## OI.Share App

Download the Olympus Image Share (OI.Share) app to your smartphone to wirelessly view, download, edit, and share your photos and videos. The app also allows for remote camera control, enabling you to operate the camera from a distance.

## Field Sensor System

The integrated Field Sensor System records GPS location, manometer (pressure/depth), compass direction, and thermometer (temperature) data. This data can be embedded into your photos and videos and tracked using the Olympus Image Track (OI.Track) app, providing a comprehensive record of your adventures.

## MAINTENANCE

## Cleaning

After use, especially in water or dusty environments, clean the camera body with a soft, damp cloth. For saltwater exposure, rinse the camera thoroughly with fresh water. Ensure all ports and covers are securely closed before cleaning or rinsing.

## Drying

After water use, thoroughly dry the camera with a soft, lint-free cloth. Pay special attention to the battery/memory card compartment and other sealed areas. Open compartments only after the camera is completely dry to prevent water ingress.

## Storage

Store the camera in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if the camera will not be used for an extended period.

## TROUBLESHOOTING

### Camera Not Powering On

- Ensure the battery is fully charged.
- Check if the battery is inserted correctly.
- Verify that the battery compartment cover is securely closed.

### Images Not Saving

- Verify that a compatible memory card is inserted.
- Check if the memory card has sufficient free space.
- Ensure the memory card is not write-protected.

### Connectivity Issues (Wi-Fi/App)

- Restart both the camera and your smartphone.
- Ensure Wi-Fi is enabled on both devices and the camera's Wi-Fi function is active.
- Reinstall the OI.Share or OI.Track app if problems persist.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	1.28 x 1.28 x 2.6 inches
Item Weight	0.035 ounces
Item model number	TG6BLKTG6RED
Batteries	1 Product Specific batteries required.
Manufacturer	Olympus
Compatible Mountings	Micro Four Thirds
Aspect Ratio	3:2

Photo Sensor Technology	CMOS
Supported File Format	JPEG, RAW
Image Stabilization	Optical
Maximum Focal Length	100 Millimeters
Optical Zoom	4 x
Maximum Aperture	2.8 Millimeters
Expanded ISO Minimum	100
Metering Description	Spot

## WARRANTY & SUPPORT



### Warranty Information





Protection plans are available for purchase separately, including a 3-Year Protection Plan and a Complete Protect monthly plan. Please refer to the specific terms and conditions of these plans for details regarding coverage and claims.

### Customer Support

For further assistance, technical support, or to access additional resources, please visit the [Olympus Store on Amazon](#) or consult the official Olympus website for detailed support information.

### Related Documents - TG-6

 <p><b>TG-6 Red</b></p> <p>12MP sensor, 4x optical zoom, 4K video, waterproof, shockproof, and freezeproof capabilities.</p> <p><b>Tough Performance. No Compromises.</b></p> <p>Explore the rugged Olympus Tough TG-6 Red digital camera. Discover its waterproof, shockproof, and freezeproof capabilities, 12MP sensor, 4x optical zoom, 4K video, and advanced features for extreme photography.</p>	<p><a href="#">Olympus Tough TG-6 Red: Waterproof Digital Camera Specifications &amp; Features</a></p> <p>Explore the rugged Olympus Tough TG-6 Red digital camera. Discover its waterproof, shockproof, and freezeproof capabilities, 12MP sensor, 4x optical zoom, 4K video, and advanced features for extreme photography.</p>
 <p><b>IFIXIT</b></p> <p><b>Olympus Stylus Tough TG-2 iHS Lens Assembly Replacement</b></p> <p>The guide will walk you through the steps to remove and replace the lens assembly.</p> <p><b>Olympus Stylus Tough TG-2 iHS Lens Assembly Replacement Guide</b></p> <p>Step-by-step repair guide for replacing the lens assembly on an Olympus Stylus Tough TG-2 iHS digital camera, detailing tools and procedures.</p>	<p><a href="#">Olympus Stylus Tough TG-2 iHS Lens Assembly Replacement Guide</a></p> <p>Step-by-step repair guide for replacing the lens assembly on an Olympus Stylus Tough TG-2 iHS digital camera, detailing tools and procedures.</p>

<div><div><div>Previous Steps: Page 101 of 108 Back Panel and Buttons Replacement</div><div>IFIXIT</div><div>Olympus Stylus Tough TG-2 iHS Back Panel &amp; Buttons Replacement</div><div>This guide will illustrate how to remove and replace the back panel and connector buttons.</div><div>Written By: Annexa</div><div></div><div>©2008 - 2010 IFIXIT.COM</div><div>Back Panel and Buttons Replacement</div><div>Page 101 of 108</div></div></div>	<p><a href="#">Olympus Stylus Tough TG-2 iHS Back Panel and Buttons Replacement Guide</a></p> <p>Detailed step-by-step instructions for replacing the back panel and buttons on an Olympus Stylus Tough TG-2 iHS digital camera. Includes required tools and disassembly procedures.</p>
<div><div><div>Previous Steps: Page 101 of 108 Back Panel and Buttons Replacement</div><div>IFIXIT</div><div>Olympus Stylus Tough TG-2 iHS Battery and Connector Seals Replacement</div><div>This guide will illustrate how to remove and replace the battery and connector cover seals.</div><div>Written By: Annexa</div><div></div><div>©2008 - 2010 IFIXIT.COM</div><div>Battery and Connector Seals Replacement</div><div>Page 102 of 108</div></div></div>	<p><a href="#">Olympus Stylus Tough TG-2 iHS Battery and Connector Seals Replacement Guide</a></p> <p>A step-by-step guide to replace the battery and connector cover seals on the Olympus Stylus Tough TG-2 iHS digital camera. Includes necessary tools and detailed instructions for disassembly and reassembly.</p>
<div><div><div>Previous Steps: Page 101 of 108 Back Panel and Buttons Replacement</div><div>IFIXIT</div><div>Olympus Stylus Tough TG-2 iHS Shutter/Power Button Replacement</div><div>This guide will illustrate how to remove and replace the shutter button.</div><div>Written By: Annexa</div><div></div><div>©2008 - 2010 IFIXIT.COM</div><div>Shutter/Power Button Replacement</div><div>Page 103 of 108</div></div></div>	<p><a href="#">Olympus Stylus Tough TG-2 iHS Shutter/Power Button Replacement Guide</a></p> <p>A step-by-step guide to replacing the shutter and power button on the Olympus Stylus Tough TG-2 iHS digital camera, including tool requirements and detailed instructions.</p>
<div><div><div>OLYMPUS</div><div>DIGITAL CAMERA</div><div>TG-4</div><div>Instruction Manual</div><div></div><div><p>1. Thank you for purchasing the Olympus Stylus Tough TG-4 digital camera. Before using the camera, please read this instruction manual carefully. It contains important information about the camera's features, operation, and maintenance. Please read this manual thoroughly before using the camera.</p><p>2. If you have any questions or need further assistance, please contact your local Olympus service center or visit the Olympus website for more information.</p><p>3. The camera and its accessories should be kept in a safe place to avoid damage or loss.</p><p>4. The camera and its accessories should be kept in a safe place to avoid damage or loss.</p></div></div></div>	<p><a href="#">Olympus TG-4 Digital Camera Instruction Manual</a></p> <p>Comprehensive instruction manual for the Olympus TG-4 digital camera, covering setup, operation, features, and troubleshooting.</p>