

ZEISS DTI 3/35 Gen 2

ZEISS DTI 3/35 Gen 2 Thermal Imaging Camera

Instruction Manual

1. INTRODUCTION

The ZEISS DTI 3/35 Gen 2 Thermal Imaging Camera is an advanced monocular designed for night hunting and wildlife observation. It features ZSIP Image Technology, an AMOLED display, and a robust sensor for clear thermal imaging. This manual provides essential information for the safe and effective use of your device, including setup, operation, and maintenance procedures.

2. SAFETY INFORMATION

- Do not look directly at strong light sources through the device.
- Keep the device away from extreme temperatures, humidity, and direct sunlight.
- Avoid dropping or subjecting the device to strong impacts.
- Do not attempt to disassemble or repair the device yourself. Refer to qualified service personnel.
- Use only the specified charging accessories.

3. PACKAGE CONTENTS

Please check that all the following items are included in your package:

- ZEISS DTI 3/35 Gen 2 Thermal Imaging Camera
- Strap
- Carrying Case
- USB Cable
- Battery

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your ZEISS DTI 3/35 Gen 2.



Figure 4.1: Angled front view of the ZEISS DTI 3/35 Gen 2, showing the objective lens and control buttons.



Figure 4.2: The thermal imaging camera with its protective lens cap attached, viewed from the front-bottom angle.



Figure 4.3: Top view of the device, highlighting the ergonomic button layout for easy access and operation.



Figure 4.4: Close-up view of the eyepiece and the diopter adjustment wheel, allowing for sharp focus for individual users.

5. SETUP

5.1 Charging the Battery

Before first use, fully charge the internal battery. Connect the supplied USB cable to the device's charging port and to a compatible USB power source. The charging indicator light will show the charging status.

5.2 Initial Power On

Press and hold the power button (usually marked with a power symbol) until the display illuminates. The device will perform a brief startup sequence.

5.3 Connecting to ZEISS Hunting App

The ZEISS DTI 3/35 Gen 2 can connect to the ZEISS Hunting App on your smartphone via USB or WLAN. This allows for data transfer and live streaming of your observations. Refer to the app's instructions for detailed connection steps.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

- **To Power On:** Press and hold the power button until the screen activates.
- **To Power Off:** Press and hold the power button until the device shuts down.
- **Smart Standby:** The device features a smart standby mode to conserve battery. It will automatically enter standby after a period of inactivity.

6.2 Navigation and Controls

The buttons on the top of the device allow for easy navigation through menus and settings, even in the dark or with gloves. The ergonomic design ensures natural finger placement.

6.3 Color Modes

The DTI 3 Gen 2 Series offers eight different color modes to optimize viewing for various conditions and reduce eye fatigue. Experiment with these modes to find the best contrast and visibility for your environment.

6.4 Detection Mode

Activate Detection Mode to highlight heat sources more prominently, while reducing the cold background. This feature assists in spotting animals quickly, even when partially obscured by foliage.

6.5 Fog Mode

For humid conditions or fog, enable Fog Mode. This mode is designed to increase visibility and improve image clarity in challenging atmospheric conditions.

6.6 Zoom Functionality

The device has a native magnification of 2.4x. Digital zoom allows for further magnification up to 4x, adjustable in 0.5x steps, to bring distant objects closer into view.

6.7 Internal Storage and Live Streaming

The DTI 3 Gen 2 Series includes 32GB of internal storage for capturing images and videos. You can transfer this data to a smartphone via USB or WLAN using the ZEISS Hunting App. The app also supports live streaming of your observations.

6.8 Additional Features

- **Compass Overlay:** Provides directional information on the display.
- **Movement Alerts:** Notifies you of detected movement within the field of view.
- **Auto Off:** Configurable setting to automatically power off the device after a period of inactivity.

7. MAINTENANCE

7.1 Cleaning

- Use a soft, lint-free cloth to clean the exterior of the device.
- For the lenses, use a specialized lens cleaning solution and a microfiber cloth to avoid scratches.
- Do not use abrasive cleaners or solvents.

7.2 Storage

When not in use, store the device in its carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

8.1 Device Not Powering On

- Ensure the battery is fully charged.
- Press and hold the power button for at least 3-5 seconds.

8.2 Poor Image Quality

- Clean the objective lens and eyepiece.
- Adjust the diopter for your vision.
- Try different color modes to suit the environment.

8.3 Connectivity Issues with App

- Ensure WLAN or USB connection is properly established.
- Check app permissions on your smartphone.
- Restart both the device and the smartphone.

9. SPECIFICATIONS







Model Name	DTI 3/35 Gen 2
Sensor Resolution	384x288
Display Resolution	1024x768 AMOLED
Magnification (Optical)	2.4x
Magnification (Digital)	Up to 4x (in 0.5x steps)
Internal Storage	32GB
Battery Life	8 hours
Item Weight	1.57 Kilograms
Material	Nylon
Color	Black
Night Vision	Yes

10. WARRANTY

The ZEISS DTI 3/35 Gen 2 Thermal Imaging Camera comes with a 2 + 1 Year(s) warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the official ZEISS website or contact customer support.

11. SUPPORT

For further assistance, technical support, or service inquiries, please visit the official ZEISS website or contact their customer service department. You can find more information and resources by visiting the [ZEISS Store on Amazon](#).

	<p>ZEISS DTI Thermal Imaging Devices: Safety & Regulatory Information</p> <p>Essential safety and regulatory guide for ZEISS DTI thermal imaging devices (DTI 3/25 GEN 2, 3/35 GEN 2, 4/35, 4/50). Covers handling, battery, power, disposal, and compliance.</p>
	<p>ZEISS Thermal Imaging Devices: DTC 3 & DTI 6 Series - Brochure</p> <p>Discover the advanced features, technical specifications, and benefits of ZEISS DTC 3 thermal imaging clip-ons and DTI 3/6 series cameras, designed for superior night hunting performance and detailed observation in all light conditions.</p>
	<p>ZEISS DTI 6/20 & 6/40 Safety and Regulatory Information</p> <p>Comprehensive safety, handling, battery, power supply, intended use, and regulatory information for the ZEISS DTI 6/20 and DTI 6/40 thermal imaging devices. Includes disposal guidelines and FCC/IC compliance.</p>
	<p>ZEISS DTC 3/38 3/25 Gebrauchsanleitung</p> <p>Anleitung zur Verwendung des ZEISS DTC 3/38 und 3/25 Wärmebildvorsatzgeräts. Enthält Informationen zu Installation, Bedienung, technischen Daten, Fehlerbehebung und Wartung.</p>
	<p>ZEISS Quality Assurance Solutions for eMobility: Enhancing Safety and Performance</p> <p>Discover ZEISS's comprehensive quality assurance solutions for the eMobility sector, covering batteries, electric motors, fuel cells, automotive electronics, and transmissions. Enhance safety, performance, and reliability with advanced metrology and inspection technologies from ZEISS.</p>
	<p>ZEISS DTC 4/50 Gebrauchsanleitung</p> <p>Bedienungsanleitung für das ZEISS DTC 4/50 Wärmebildvorsatzgerät. Enthält Informationen zu Installation, Bedienung, technischen Daten und Fehlerbehebung.</p>