ILIHOME T34s

ILIHOME T34s Dual Lens Endoscope Camera User Manual

Model: T34s

1. Introduction

This manual provides detailed instructions for the safe and effective operation of your ILIHOME T34s Dual Lens Endoscope Camera. Please read this manual thoroughly before using the device and retain it for future reference. This endoscope is designed for visual inspection in hard-to-reach areas, featuring a dual-lens system, a 4.3-inch HD IPS screen, and a waterproof probe.

2. Safety Information

- Do not use the endoscope for medical purposes or human/animal inspection.
- Keep the device away from children.
- Ensure the battery is charged in a well-ventilated area. Do not expose the battery to high temperatures or direct sunlight.
- Do not attempt to disassemble or modify the device, as this will void the warranty and may cause damage or injury.
- Avoid using the endoscope in environments with flammable or explosive gases.
- Clean the camera lens and probe after each use to maintain optimal performance.

3. Package Contents

Verify that all items are present in the package:

- 1 x ILIHOME T34s Endoscope Main Unit
- 1 x Rechargeable Lithium Battery (pre-installed or separate)
- 1 x 5-meter Semi-Rigid Cable with 8mm Dual Camera Probe
- 1 x USB Charging Cable
- 1 x User Manual
- 1 x Black Carry Case
- Accessory Kit (Magnet, Hook, Side Mirror)



Image: The ILIHOME T34s endoscope main unit, 5-meter cable, USB cable, accessory kit (magnet, hook, side mirror), and user manual, all neatly arranged.

4. Product Overview

The ILIHOME T34s features a robust design with intuitive controls and a high-definition display for clear inspections.



Image: The ILIHOME T34s endoscope camera, showing the main display unit, the coiled inspection cable with its illuminated tip, and the magnet, hook, and side mirror accessories.

4.1 Main Unit Features

- **4.3-inch HD IPS Screen:** Provides a clear, wide-angle view of the inspection area.
- **Control Buttons:** For power, light adjustment, lens switching, image rotation, and zoom.
- **USB Port:** For charging and data transfer.
- **Micro SD Card Slot:** For storing photos and videos (Micro SD card not included).
- **Anti-Slip Design:** Ensures a secure grip and includes a lanyard attachment point.



Image: A detailed view of the 4.3-inch full-color HD IPS screen, highlighting its wide viewing angles and clarity for inspecting details.



Image: The endoscope's main unit demonstrating its anti-slip design with a lanyard attachment, and an illustration of the switchable black and white mode.

4.2 Probe and Cable Features

- **Dual Lens Camera:** Front and side cameras for comprehensive viewing.
- **8+1 LED Lights:** Adjustable brightness for optimal illumination in dark environments.
- **IP68 Waterproof:** The camera probe and cable are resistant to water and dust, suitable for humid and greasy conditions.
- **5-meter Semi-Rigid Cable:** Allows for flexible maneuvering while maintaining shape.
- **Removable Cable:** The cable can be detached and replaced, reducing maintenance costs.



Image: A close-up of the endoscope's IP67 waterproof lens and cable, surrounded by water droplets, illustrating its suitability for wet environments.



Image: A detailed view of the endoscope camera tip, showing the arrangement of 8 LED lights and an illustration of the 3-level adjustable brightness feature.

4.3 Tool Accessories

- **Magnet:** For retrieving small metallic objects.
- **Hook:** For retrieving small non-metallic objects.
- **Side Mirror:** For enhanced side viewing when the dual lens is not sufficient or for specific angles.



Image: The ILIHOME T34s endoscope main unit with the three included tool accessories: a magnet, a hook, and a side mirror, demonstrating their attachment to the camera tip.

5. Setup

5.1 Charging the Battery

1. Connect the provided USB charging cable to the endoscope's USB port.
2. Connect the other end of the USB cable to a standard 5V/1A USB power adapter (not included) or a computer's USB port.
3. The charging indicator light will illuminate. A full charge typically takes approximately 3-4 hours.
4. The endoscope can operate for about 4 hours on a full charge.

5.2 Attaching the Probe Cable

1. Align the connector of the 5-meter semi-rigid cable with the corresponding port on the main unit.

2. Gently push the connector in until it clicks securely into place.
3. To detach, press the release button (if present) or pull firmly but carefully.



Image: The ILIHOME T34s endoscope main unit with its detachable cable being connected, illustrating the ease of replacement and the availability of different cable lengths (30m and 50m shown as examples).

5.3 Inserting a Micro SD Card (Optional)

1. Locate the Micro SD card slot on the side of the main unit.
2. Insert a Micro SD card (up to 32GB, Class 10 recommended) with the gold contacts facing down until it clicks into place.
3. To remove, gently push the card in again until it springs out.

6. Operating Instructions

6.1 Power On/Off

- Press and hold the Power button (**U**) for 2-3 seconds to turn the device on.
- To turn off, press and hold the Power button again for 2-3 seconds.

6.2 Adjusting LED Brightness

- Press the Light Up button (☀**+**) to increase the brightness of the LED lights on the camera probe.
- Press the Light Down button (☀**-**) to decrease the brightness. There are typically 3 levels of brightness.

6.3 Switching Lenses (Dual Lens Models Only)

- Press the Lens Switch button (**D**) to toggle between the front camera and the side camera.

6.4 Capturing Photos and Videos

- To take a photo, press the Photo/Video button (**O**) once. The image will be saved to the Micro SD card.
- To start recording a video, press and hold the Photo/Video button for 2-3 seconds. Press and hold again to stop recording. The video will be saved to the Micro SD card.

6.5 Image Rotation and Zoom

- Press the 180° Rotation button (**180**) to rotate the image on the screen by 180 degrees.
- Use the Zoom In (**Q+**) and Zoom Out (**Q-**) buttons to adjust the digital zoom level.

6.6 Menu Navigation

- Press the Menu button (often combined with another function, refer to device markings) to access settings such as language, resolution, date/time, and black/white mode.
- Use the navigation buttons (often the light adjustment or zoom buttons) to scroll through menu options.
- Press the Photo/Video button to confirm selections.

7. Maintenance

7.1 Cleaning

- After each use, gently wipe the camera lens and probe with a soft, damp cloth.
- For stubborn dirt, use a small amount of mild soap solution, then wipe clean with a damp cloth and dry thoroughly.
- Do not use abrasive cleaners or solvents on any part of the device.
- Clean the main unit with a dry, soft cloth.

7.2 Storage

- Store the endoscope and its accessories in the provided carry case when not in use.
- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the battery is partially charged (around 50%) before long-term storage to prolong its lifespan.

7.3 Battery Replacement

- The ILIHOME T34s is designed with a replaceable lithium battery.
- If the battery performance degrades significantly, a new rechargeable lithium battery can be purchased and installed. Refer to the battery compartment for specific battery type and replacement instructions.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery; loose battery connection.	Charge the battery fully. Ensure the battery is correctly inserted.
No image on screen.	Cable not connected properly; camera lens obstructed.	Ensure the probe cable is securely connected. Check if the lens is clean and unobstructed.
Image is blurry or unclear.	Dirty lens; incorrect focal distance.	Clean the camera lens. Adjust the distance between the lens and the object.
Cannot save photos/videos.	No Micro SD card inserted; Micro SD card full or corrupted.	Insert a Micro SD card. Delete unnecessary files or format the card (backup data first). Try a different Micro SD card.
LED lights not working.	Brightness set to minimum; internal fault.	Increase LED brightness using the control buttons. If problem persists, contact support.

9. Specifications

- **Model:** T34s
- **Screen:** 4.3-inch IPS HD Display
- **Camera Resolution:** 1080p (Video capture resolution: 1080p)
- **Lens Diameter:** 8mm (Dual Cameras)
- **Cable Length:** 5 meters (Semi-rigid, removable)
- **LED Lights:** 8+1 adjustable LEDs
- **Water Resistance:** IP68 (Probe and Cable)
- **Battery:** Rechargeable Lithium Polymer (approx. 4 hours working time)
- **Connectivity:** USB
- **Storage:** Micro SD Card (up to 32GB, not included)
- **Weight:** 0.59 Kilograms
- **Dimensions:** 25.91 x 14.71 x 7.9 cm (Parcel Dimensions)

10. Warranty and Support

ILIHOME products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official ILIHOME website for detailed warranty terms and conditions.
For technical support, troubleshooting assistance, or inquiries regarding replacement parts (such as cables or batteries), please contact ILIHOME customer service through the contact information provided on your purchase receipt or the official ILIHOME website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question