DEPSTECH DS350DL

DEPSTECH DS350DL Dual Lens Endoscope User Manual

Model: DS350DL | Brand: DEPSTECH

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your DEPSTECH DS350DL Dual Lens Endoscope. Please read this manual thoroughly before operating the device and retain it for future reference.
The DEPSTECH DS350DL is a high-definition borescope inspection camera designed for examining hard-to-reach areas. It features dual lenses for simultaneous front and side viewing, a 4.3-inch LCD display, adjustable LED lights, and a waterproof semi-rigid cable.

Image: The DEPSTECH DS350DL Dual Lens Endoscope, showing the main unit, coiled cable, and carrying case.

2. PRODUCT OVERVIEW

The DS350DL endoscope is equipped with advanced features for comprehensive inspections:

- **Dual Lens System:** Features both a front-facing and a side-facing camera, allowing for simultaneous or switchable views.
- **1080P HD Resolution:** Captures clear and detailed images and videos with BLUART tech and an improved digital image sensor.
- **Adjustable LED Lights:** Seven adjustable LED lights provide illumination in dark environments, reducing glare and shadows.
- **4.3-inch LCD Display:** A vivid, anti-glare screen with a 178° viewing angle and 60Hz refresh rate for smooth viewing.
- **16.5ft Semi-Rigid Cable:** A durable, waterproof (IP67) cable with a 7.9mm camera head for navigating tight spaces.
- **Built-in Rechargeable Battery:** Provides approximately four hours of continuous operation on a full charge.

- **Direct Operation:** No Wi-Fi, apps, or external devices required for operation.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- DEPSTECH DS350DL Dual Lens Endoscope Unit
- 16.5ft Semi-Rigid Camera Cable with Dual Lenses
- Carrying Case
- USB Charging Cable
- Hook Attachment
- Magnet Attachment
- User Manual (this document)
- 32GB Micro SD Card (pre-installed or included separately)

Image: All components included in the DEPSTECH DS350DL package, neatly arranged.

4. SETUP

1. **Charge the Device:** Before first use, fully charge the endoscope using the provided USB charging cable. Connect the cable to the charging port on the device and a standard USB power adapter (not included). The charging indicator will show the charging status.

2. **Insert Micro SD Card:** Ensure the 32GB Micro SD card is properly inserted into the designated slot on the side of the device. This card is necessary for saving photos and videos.

3. **Attach Accessories (Optional):** If needed, attach the hook or magnet accessory to the camera head. These can be useful for retrieving small objects or navigating in specific environments.

Image: A diagram illustrating the correct insertion of the Micro SD card into the endoscope unit.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- To power on, press and hold the Power button until the screen illuminates.
- To power off, press and hold the Power button until the screen turns off.

5.2 Camera View Modes

The DS350DL offers three viewing modes:

- **Front View:** Displays the image from the front-facing camera.
- **Side View:** Displays the image from the side-facing camera.
- **Split-Screen View:** Displays both front and side views simultaneously on the screen.

Press the **Camera Switch** button (often labeled with a camera icon or "M") to cycle through these viewing modes.

Handy Split-Screen View

See both fowards and sideways simultaneously

① Front View

② Side View

③ Dual View

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MENU

OK ▶❙ ⌂|⌂ ☐|+ 🖑|−

Image: Visual representation of the three viewing modes: Front View, Side View, and Dual View (split-screen).

Practical 3 Viewing Modes

Front camera
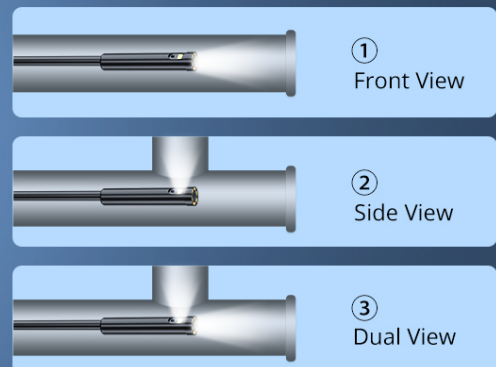
Side camera

① Front View

② Side View

③ Dual View

Image: A user holding the endoscope, demonstrating the split-screen dual view feature.

5.3 Adjusting LED Brightness

The camera probe features adjustable LED lights to illuminate dark inspection areas. Use the **+/- buttons** on the device to increase or decrease the brightness level of the LEDs.

Image: A close-up view of the endoscope's camera head, highlighting the seven adjustable LED lights.

5.4 Capturing Photos and Videos

- To take a photo, press the **Photo button** (often labeled with a camera icon).
- To start recording a video, press the **Video button** (often labeled with a video camera icon). Press it again to stop recording.
- All captured media will be saved to the inserted Micro SD card.

5.5 Navigating Menus and Playback

- Press the **Menu button** to access settings and playback options.

- Use the **Up/Down arrow buttons** to navigate through menu options or media files.
- Press the **OK button** to confirm a selection or play a video.
- During video playback, use the **OK/Play/Pause button** to control playback.

Image: A detailed view of the endoscope's control panel, showing the various buttons for operation.

6. MAINTENANCE

- **Cleaning:** After each use, especially in dirty or wet environments, gently wipe the camera probe and lens with a soft, damp cloth. Ensure no debris remains on the lens for clear imaging.
- **Storage:** Store the endoscope and its accessories in the provided carrying case to protect them from dust, moisture, and physical damage. Keep the cable neatly coiled.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.
- **Water Resistance:** The camera probe is IP67 waterproof, meaning it can withstand immersion in up to 1 meter of water for 30 minutes. The main unit is not waterproof; avoid exposing it to liquids.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device fully.
No image on screen.	Camera cable not securely connected.	Ensure the camera cable is firmly plugged into the main unit.
Image is blurry or unclear.	Lens is dirty or scratched; insufficient lighting.	Clean the camera lens. Adjust LED brightness. Ensure the object is within the macro focus range (1.18 to 3.15 inches).
Cannot save photos/videos.	Micro SD card is full, not inserted, or corrupted.	Check if the Micro SD card is inserted correctly. Delete unnecessary files or replace the card. Format the card if necessary (refer to menu options).
Cable is difficult to maneuver around bends.	Tight angles or obstructions.	The cable is semi-rigid; for very sharp turns, gentle manipulation may be required. Avoid excessive force.

8. SPECIFICATIONS

Feature	Detail
Model Number	DS350DL
Display Screen	4.3-inch LCD
Video Capture Resolution	1080p
Camera Diameter	7.9 mm
Cable Length	16.5 ft (5 meters)
Waterproof Rating	IP67 (for camera probe only)
Macro Focus Range	1.18 to 3.15 inches (3 to 8 cm)
Battery Life	Approximately 4 hours
Storage	Supports Micro SD card (32GB included)
Color	Orange

9. WARRANTY & SUPPORT

DEPSTECH offers a worry-free 24-month warranty for the DS350DL Dual Lens Endoscope. For warranty claims, technical support, or any inquiries, please contact DEPSTECH customer service through the following channels:
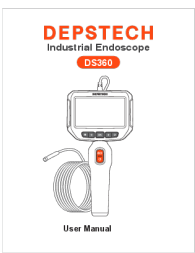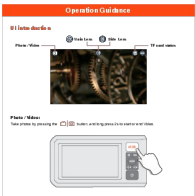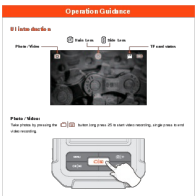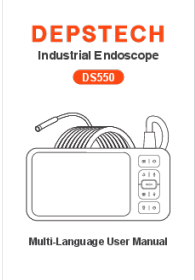
- Visit the official DEPSTECH website: www.depstech.com
- Refer to the contact information provided on the product packaging or the official DEPSTECH store page on Amazon.

Please have your model number (DS350DL) and purchase details ready when contacting support.
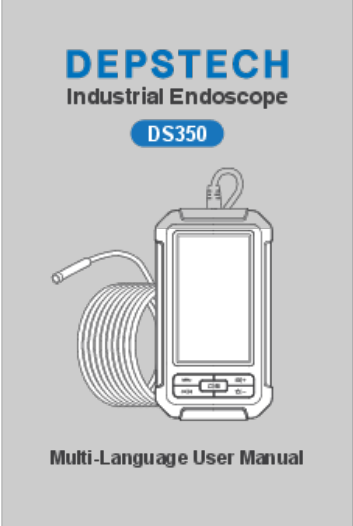
Related Documents - DS350DL

	[DEPSTECH DS360 Industrial Endoscope User Manual](#) User manual for the DEPSTECH DS360 Industrial Endoscope, detailing product features, introduction, UI, language settings, photo/video operations, lens switching, TF card formatting, data transfer, charging, and specifications.
	[DEPSTECH DS300 Dual Lens Endoscope Operation Guidance](#) User guide for the DEPSTECH DS300 Dual Lens Industrial Endoscope, covering UI introduction, photo/video operations, file management, screen rotation, lens switching, TF card formatting, and accessory installation.
	[DEPSTECH DS350DL Dual Lens Endoscope Operation Guide](#) Comprehensive guide to operating the DEPSTECH DS350DL Dual Lens Endoscope, covering photo/video capture, viewing, deletion, screen rotation, lens switching, TF card formatting, and file transfer.
	[DEPSTECH DS520 Industrial Endoscope User Manual](#) Comprehensive user manual for the DEPSTECH DS520 industrial endoscope, detailing features, operation, specifications, and troubleshooting for effective visual inspection in industrial and mechanical applications.
	[DEPSTECH DS550 Industrial Endoscope User Manual](#) Comprehensive user manual for the DEPSTECH DS550 Industrial Endoscope. This guide covers product features, operation, button functions, port descriptions, UI elements, language settings, photo/video management, data transfer, charging, installation, detailed specifications, packing list, and compliance information for this 5.0MP, 5-inch IPS screen, waterproof dual-lens inspection camera.

[86T USB Borescope Troubleshooting Steps | DEPSTECH](#)

Troubleshooting guide for the DEPSTECH 86T USB Borescope. Resolve issues like no image display on Android, Windows, or Mac OS, and device connectivity problems. Includes compatibility notes and support contact.

Documents - DEPSTECH – DS350DL

[pdf] User Manual Catalog

C 01 006 00188V02 DS350 DEPSTECH 20220112 Dual Lens Endoscope 1080P HD Borescope Inspection Camera with Light Split Screen 4 3 Digital Video Snake 7 9 mm Waterproof Scope 16 5ft Semi Rigid Cable Carrying Case DS350DL User Manual C1ePK3LyjrL m media amazon images I |||

Industrial Endoscope DS350 Multi-Language User Manual Catalog EN DE IT FR ES JP 01 - 06 07 - 12 13 - 18 19 - 24 25 - 30 31 - 36 EN Product manual DEPSTECH DS350 industrial endoscope was featured as a cost efficient industrial endoscope with 4.3 digital screen, which was invented to help car ma...

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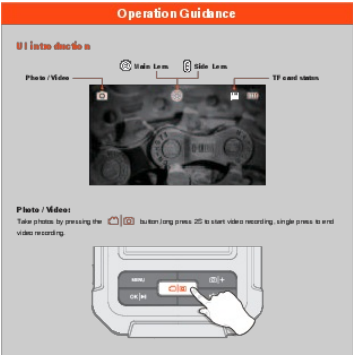
[DEPSTECH DS350DL Dual Lens Endoscope Operation Guide](#)

Comprehensive guide to operating the DEPSTECH DS350DL Dual Lens Endoscope, covering photo/video capture, viewing, deletion, screen rotation, lens switching, TF card formatting, and file transfer.

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