

## AUTOOL SVB305

# AUTOOL SVB305 Two-Way Articulating Endoscope Camera User Manual

Model: SVB305

## 1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of the AUTOOL SVB305 Two-Way Articulating Endoscope Camera. Please read this manual thoroughly before operating the device to ensure safe and efficient use. The AUTOOL SVB305 is designed for inspecting hard-to-reach areas, featuring a 210° articulating probe, a 4.3-inch IPS display, and a 1080P camera for clear visual inspection.

## 2. PRODUCT OVERVIEW

### 2.1 Package Contents

The AUTOOL SVB305 package typically includes the following items:

- AUTOOL SVB305 Endoscope Camera Unit
- Flexible Articulating Probe (3FT)
- 32GB Micro SD Card (pre-installed or included separately)
- USB-C Charging Cable
- User Manual
- Storage Case



Image: Contents of the AUTOOL SVB305 Endoscope Camera package, including the main unit, flexible probe, USB-C cable, user manual, and storage case.

## 2.2 Key Features

- **Two-Way 210° Articulating Probe:** Allows flexible bending of the probe tip for comprehensive viewing in confined spaces.
- **0.21-inch (6.35mm) Diameter Probe:** Designed for accessing narrow openings.
- **1080P HD Camera:** Captures clear images and videos with 1.0MP CMOS sensor.
- **4.3-inch IPS Screen:** Provides a sharp and vibrant display for real-time viewing.
- **IP67 Waterproof Probe:** Suitable for use in wet and oily environments.
- **Adjustable LED Lights:** Six high-intensity LEDs with three brightness levels for optimal illumination.
- **2000mAh Rechargeable Battery:** Offers up to 3 hours of continuous operation.
- **32GB Micro SD Card:** For convenient storage of captured media.
- **Automatic Temperature Alarm:** Alerts and shuts down the device if the probe temperature exceeds 176°F (80°C).



Image: The AUTOOL SVB305 Endoscope Camera, showing the main display unit, control buttons, and the flexible articulating probe.

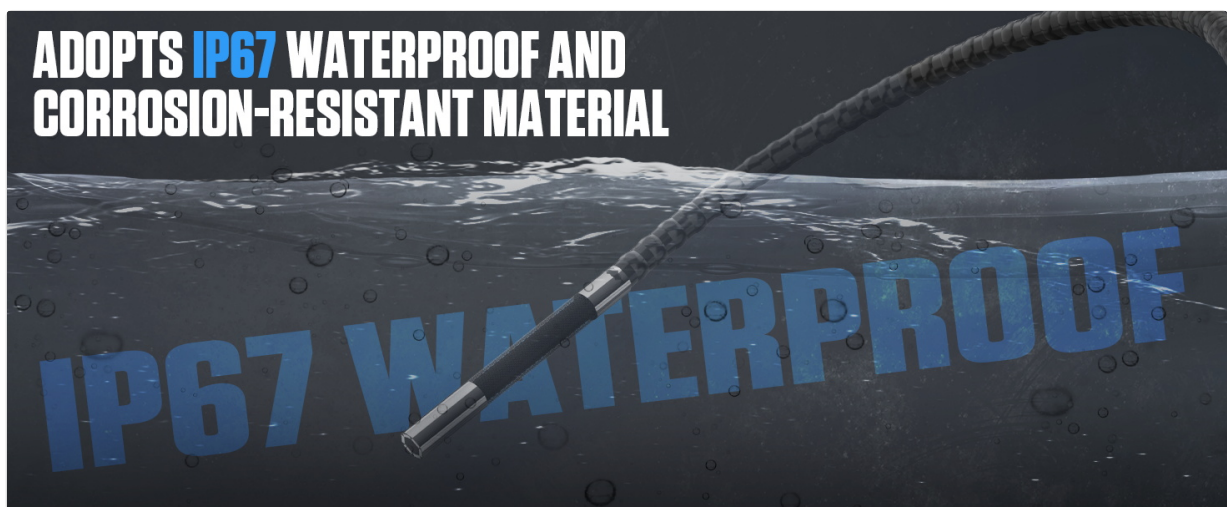


Image: Detailed diagram illustrating the 2-way 210° articulation capability of the probe, 70° viewing angle, 1.3-inch bending radius, 0.2-inch lens diameter, and 0.9-4.0 inch depth of field.



Image: Exploded view of the 4.3-inch IPS screen, highlighting its tempered glass, IPS LCD, and backlight components, with an image resolution of 1280x720.

## 3. SETUP

### 3.1 Charging the Device

Before first use, fully charge the endoscope camera. Connect the provided USB-C charging cable to the device's charging port and a suitable USB power adapter (not included). The charging indicator will show the charging status. A full charge provides approximately 3 hours of working time.

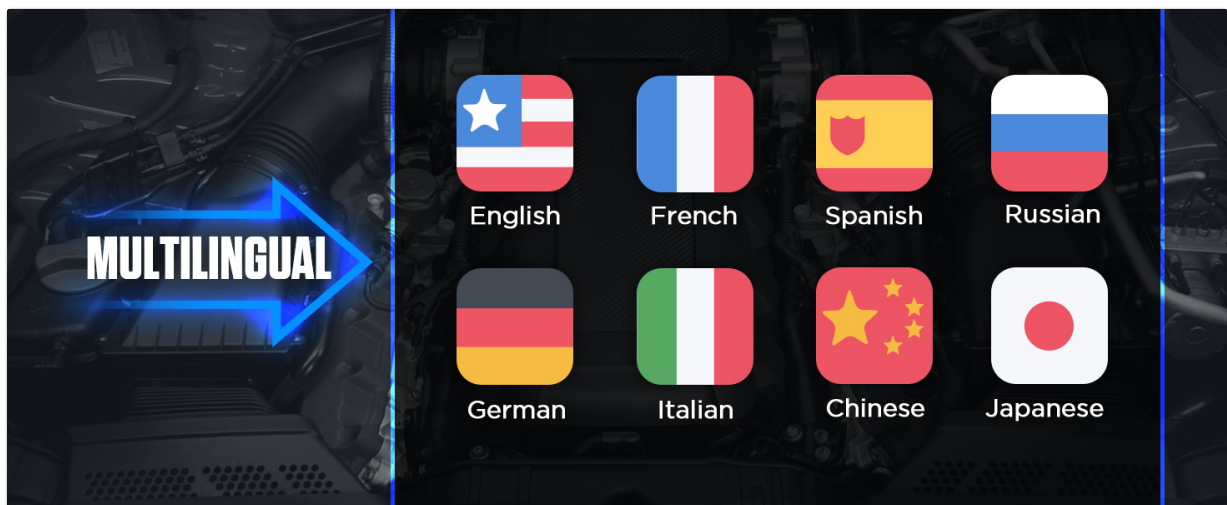


Image: Illustration of the 2000mAh rechargeable battery providing 3 hours of working time, with the device connected to a charger via USB-C cable.



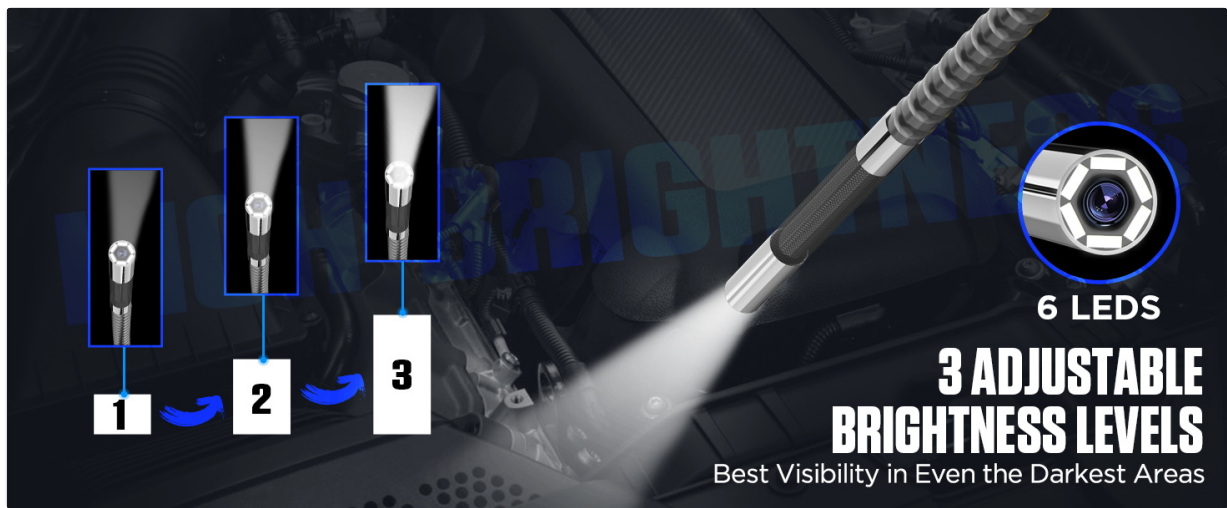


Image: The endoscope camera being charged using the USB-C charging cable, highlighting the charging port.

### 3.2 Inserting the Micro SD Card

Locate the Micro SD card slot on the device. Insert the provided 32GB Micro SD card into the slot until it clicks into place. This card is essential for saving photos and videos.



Image: Illustration showing the insertion of the 32GB Micro SD card into the designated slot on the endoscope camera.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off

Press and hold the power button to turn the device on or off. The 4.3-inch IPS screen will illuminate upon startup.

### 4.2 Basic Controls

The device features several buttons and a rotation wheel for control:

- **Power On/Light Control:** Turns the device on/off and adjusts LED brightness.
- **Photo/Video Button:** Captures still images or starts/stops video recording.
- **Settings Key:** Accesses the device settings menu.
- **Up/Down/Toggle Keys:** Navigates menus and adjusts settings.
- **OK Key:** Confirms selections.
- **Rotation Wheel:** Controls the articulation of the probe tip.

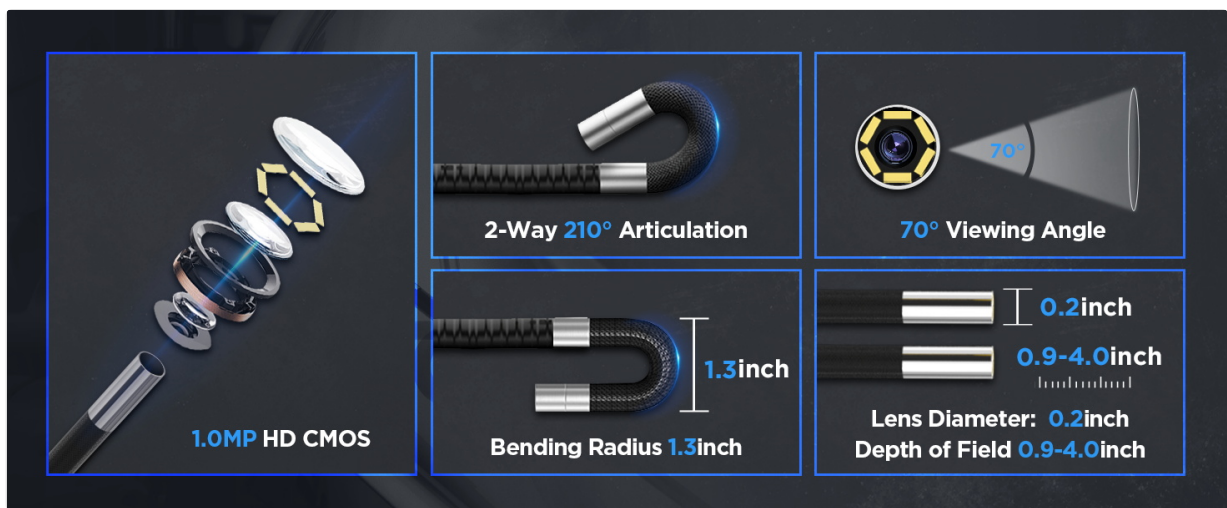


Image: A detailed diagram labeling the 5-inch display, SD interface, M key, Up key, Rotation Wheel, HD Camera, Flexible Cable, OK Key, Charging Port, Down/Toggle Key, Settings Key, Power on Light-control, and Photo/Video button.

### 4.3 Steering the Probe

Use the rotation wheel on the handle to articulate the probe tip up to 210° in two directions. This allows for flexible navigation and viewing around corners or obstacles within confined spaces.

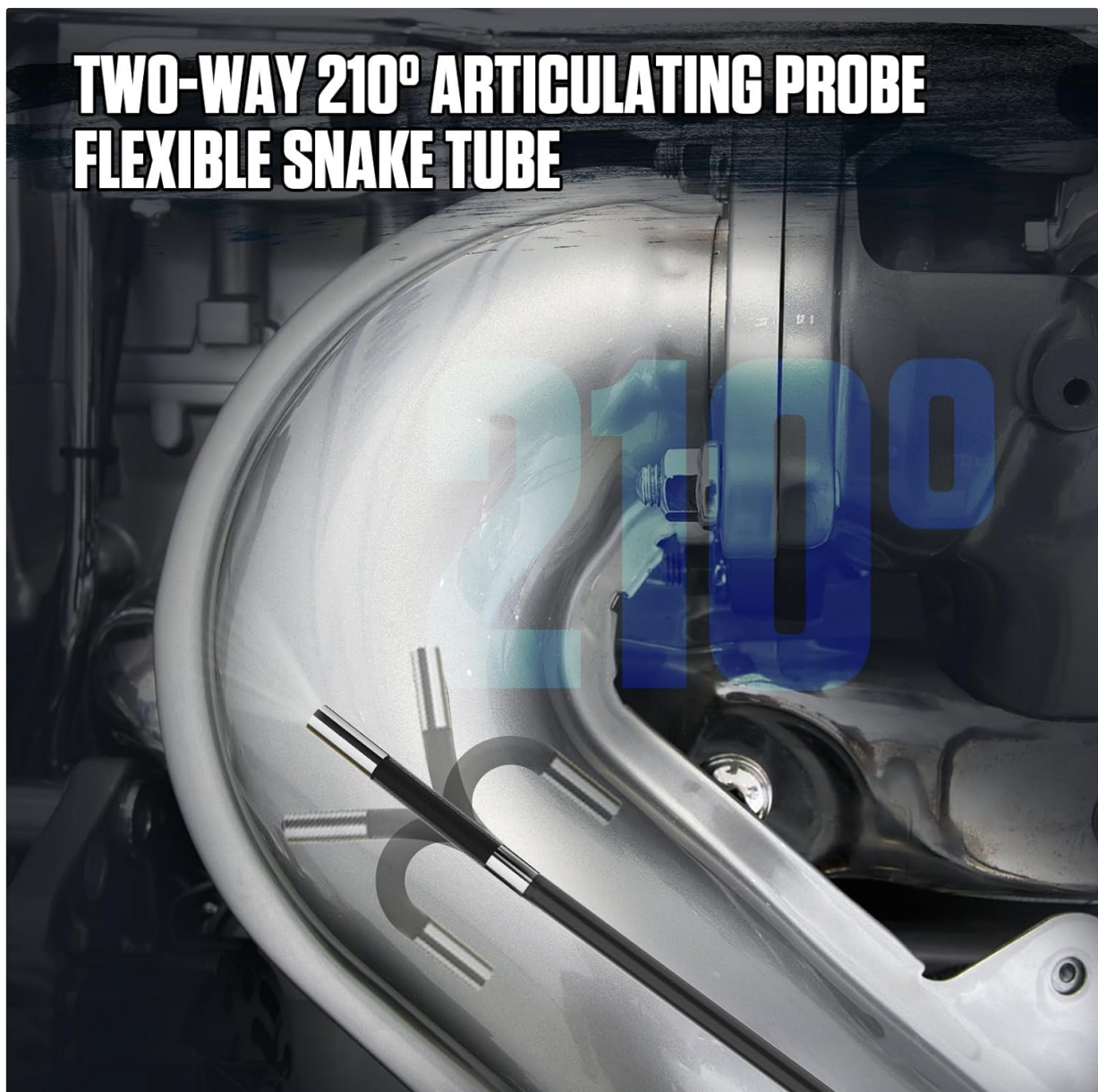


Image: The flexible articulating probe navigating inside a curved pipe, demonstrating its two-way 210° steering capability.



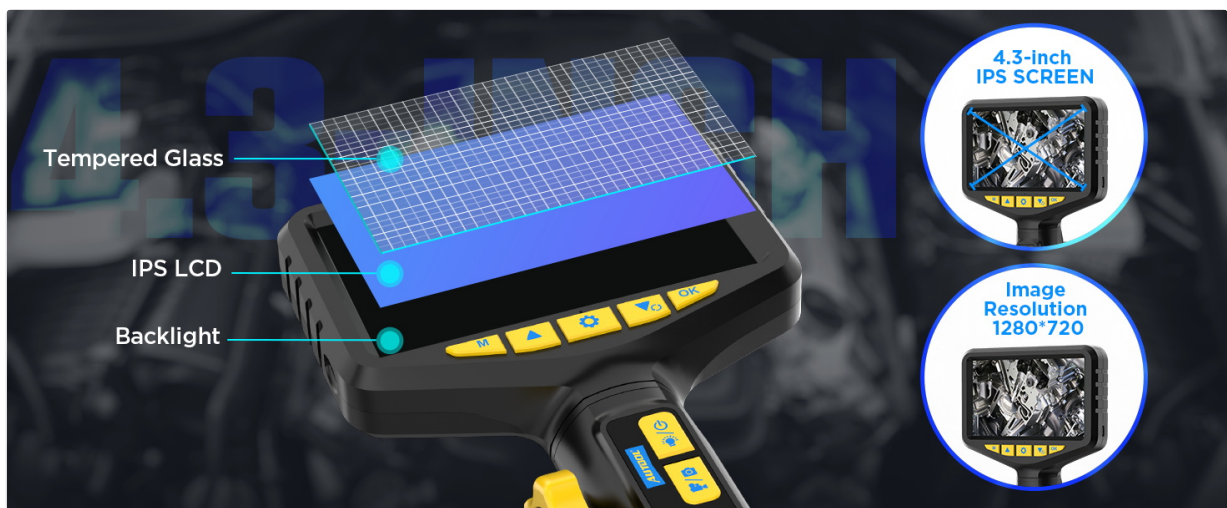


Image: A hand operating the scroll roller (rotation wheel) to switch the viewing angle of the flexible gooseneck probe, illustrating its ability to reach narrow spaces.

#### 4.4 Adjusting LED Lights

The probe tip is equipped with 6 high-intensity LED lights. Press the dedicated light control button to cycle through three adjustable brightness levels, ensuring clear visibility in dark environments.



Image: The endoscope probe tip showing its 6 LED lights and illustrating the three levels of brightness adjustment.



Image: Visual representation of the 6 LEDs and their 3 adjustable brightness levels, designed for optimal visibility in dark areas.

#### 4.5 Capturing Photos and Videos

Press the Photo/Video button to take a still image. Press and hold the same button to start video recording; press again to stop. All captured media is saved to the installed 32GB Micro SD card.



Image: A user wearing gloves holding the AUTOOL SVB305 endoscope camera, with the probe inserted into an engine



compartment, demonstrating its use in an inspection scenario.

## 4.6 Multilingual Support

The device supports multiple languages. Access the settings menu to select your preferred language, including English, French, Spanish, Russian, German, Italian, Chinese, and Japanese.



Image: A display showing various language options available on the AUTOOL SVB305, including English, French, Spanish, Russian, German, Italian, Chinese, and Japanese.

## 5. MAINTENANCE

### 5.1 Cleaning the Probe

The probe is IP67 waterproof and oilproof. After use, especially in dirty or oily environments, gently wipe the probe with a soft, damp cloth. For stubborn grime, a mild, non-abrasive cleaner can be used. Ensure the probe is dry before storage.

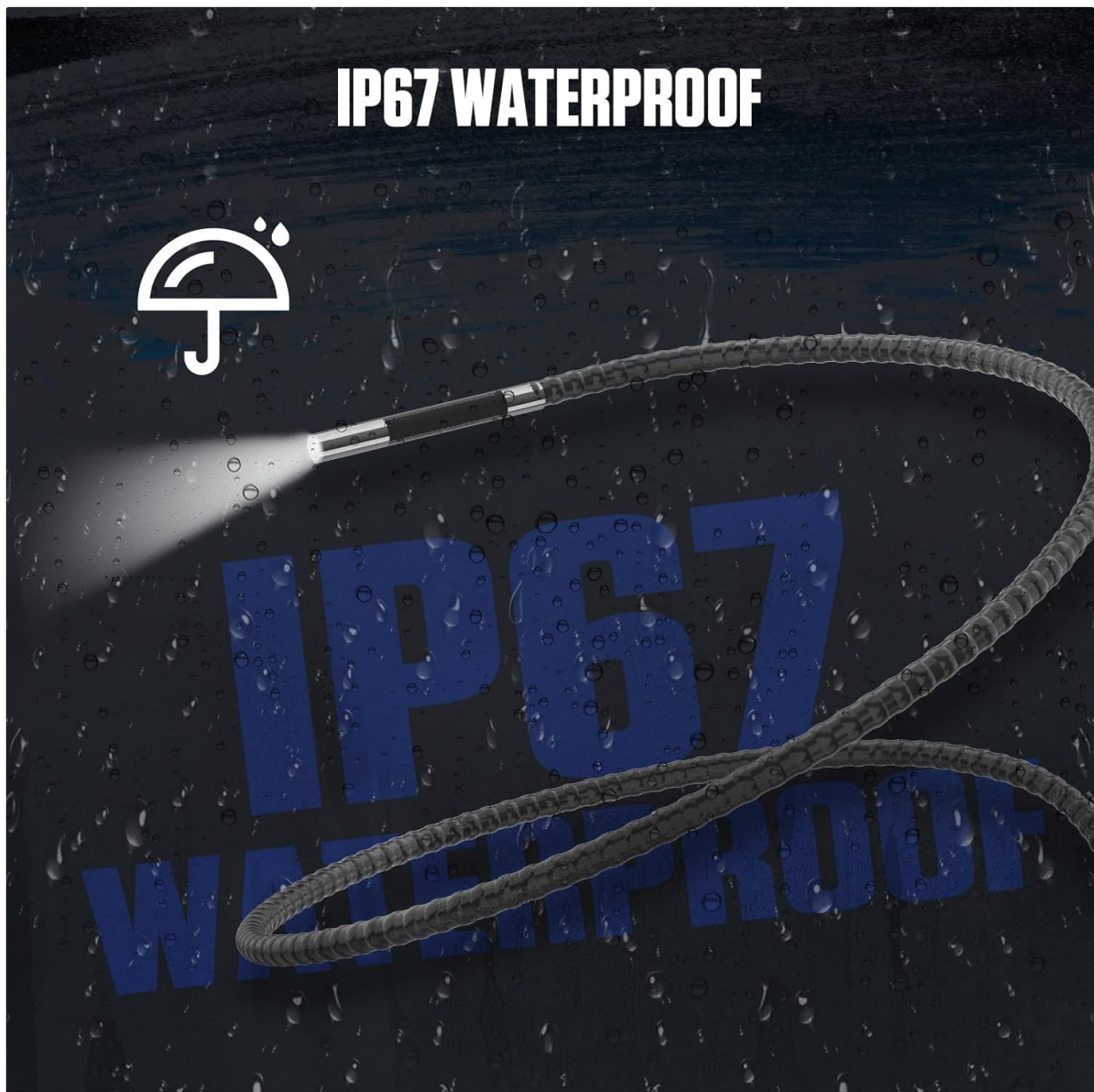


Image: The endoscope probe tip submerged in water, visually representing its IP67 waterproof capability.



Image: Illustration emphasizing the IP67 waterproof and corrosion-resistant materials used in the probe's construction, suitable for various environments.

## 5.2 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods. Store the device in a cool, dry place.

### 5.3 Storage

When not in use, store the endoscope camera and its accessories in the provided storage case to protect them from dust, moisture, and physical damage.

## 6. TROUBLESHOOTING

### 6.1 No Image on Screen

- Ensure the device is powered on and fully charged.
- Check if the probe cable is securely connected to the main unit.
- Verify that the camera lens is clean and free from obstructions.

### 6.2 Device Shuts Down Unexpectedly

The AUTOOL SVB305 features an automatic alarm and shutdown mechanism if the probe temperature exceeds 176°F (80°C) to prevent damage. Allow the device to cool down before resuming operation. If the issue persists and is not related to temperature, ensure the battery is adequately charged.

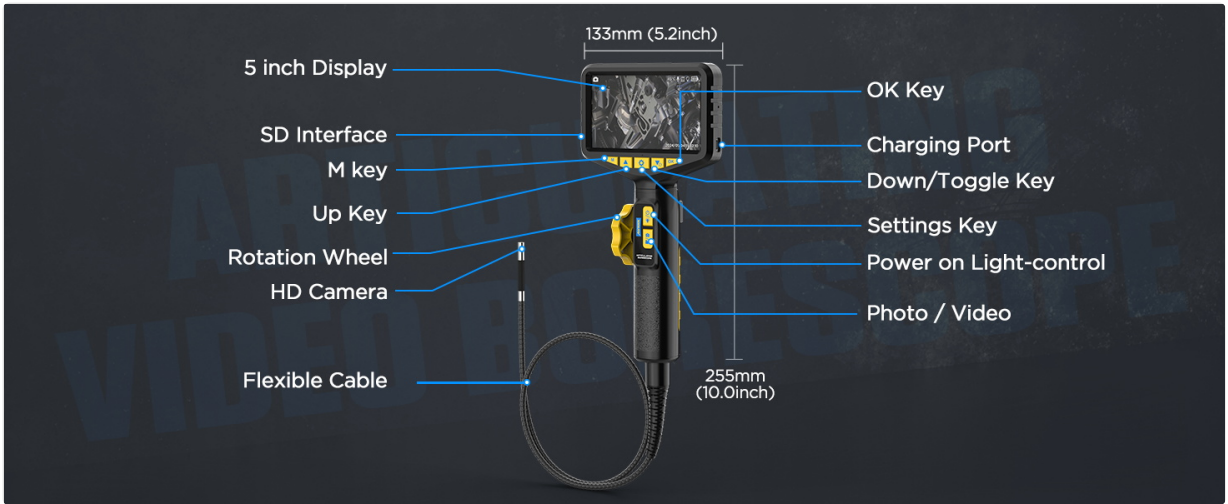


Image: Visual representation of the automatic alarm and shutdown feature that activates when the probe temperature exceeds 176°F (80°C), indicating high temperature protection.

### 6.3 Unable to Save Photos/Videos

- Ensure a 32GB Micro SD card is correctly inserted.
- Check if the Micro SD card has sufficient free space.
- Verify that the Micro SD card is not locked (read-only).

## 7. SPECIFICATIONS

Feature	Specification
Model Number	SVB305
Probe Diameter	0.21 inch (6.35mm)
Articulation Angle	Two-Way 210°
Display Screen	4.3-inch IPS



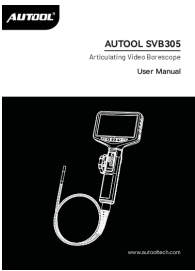
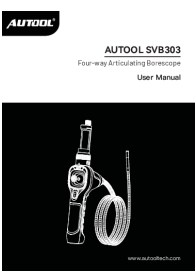
Video Capture Resolution	1080p (1280x720)
Camera Sensor	1.0MP HD CMOS
LED Lights	6 adjustable brightness levels
Waterproof Rating	IP67 (probe)
Battery	2000mAh Lithium Polymer
Working Time	Approx. 3 hours
Storage Media	Micro SD Card (32GB included)
Operating Temperature	Up to 176°F (80°C) for probe
Package Dimensions	16.57 x 8.5 x 3.46 inches
Item Weight	2.67 Pounds





## 8. WARRANTY AND SUPPORT

The AUTOOL SVB305 Endoscope Camera comes with a **Three Years Warranty** against manufacturing defects. For any quality issues or technical assistance, please contact AUTOOL customer support. They are committed to providing solutions and technical support until satisfaction. Please refer to the official AUTOOL website or your purchase documentation for specific contact details.


Contact information for support can typically be found on the manufacturer's website or within the product packaging.

### Related Documents - SVB305

	<p><a href="#">AUTOOL SVB305 Articulating Video Borescope User Manual</a></p> <p>This user manual provides comprehensive instructions for the AUTOOL SVB305 Articulating Video Borescope. It covers safety precautions, product introduction, structure, operation, troubleshooting, maintenance, warranty, and return policies for automotive inspections.</p>
	<p><a href="#">AUTOOL SVB303 Four-way Articulating Borescope User Manual</a></p> <p>User manual for the AUTOOL SVB303 Four-way Articulating Borescope, detailing its features, operation, safety guidelines, maintenance, warranty, and return policies. Includes technical specifications and troubleshooting tips.</p>

<div><div><div>AUTOOL</div><div>AUTOOL SDT202 Smoke Leak Detector User Manual</div></div><div></div></div>	<p><a href="#">AUTOOL SDT202 Smoke Leak Detector User Manual</a></p> <p>User manual for the AUTOOL SDT202 Smoke Leak Detector. Provides detailed instructions for operation, maintenance, and troubleshooting of this automotive diagnostic tool, designed for efficient leak detection in vehicles.</p>
<div><div><div>AUTOOL</div><div>AUTOOL HTS558 Walnut Sand De-Carbon Cleaner User Manual</div></div><div></div></div>	<p><a href="#">AUTOOL HTS558 Automotive Walnut Sand De-Carbon Cleaner User Manual   AUTOOL Tech</a></p> <p>User manual for the AUTOOL HTS558 automotive walnut sand de-carbon cleaner, detailing its features, operation, maintenance, and safety guidelines for effective engine intake system cleaning.</p>
<div><div><div>AUTOOL</div><div>AUTOOL LM70 Smart Digital Manifold Kit User Manual</div></div><div></div></div>	<p><a href="#">AUTOOL LM70 Smart Digital Manifold Kit User Manual</a></p> <p>User manual for the AUTOOL LM70 Smart Digital Manifold Kit, providing detailed instructions on operation, safety, maintenance, and technical specifications for automotive air conditioning system diagnostics.</p>
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Documents - AUTOOL – SVB305

<div><div><div>AUTOOL</div><div>AUTOOL SVB305 Articulating Video Borescope User Manual 用户手册</div></div><div></div></div>	<p><a href="#">[pdf] User Manual Instructions Guide</a></p> <p>SVB305 AUTOOL SVB305 Operation Guide The product breakdown because the user does not follow instructions to use or maintain Manual shop autooltech 2024 03    </p> <p>AUTOOL <b>SVB305</b> Articulating Video Borescope User Manual <a href="http://www.autooltech.com">www.autooltech.com</a> / Execution standard: JB/T 11130-2011 COPYRIGHT INFORMATION Copyright All rights reserved by AUTOOL TECH. CO., LTD. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any fo...</p> <p>lang:en score:76 filesize: 3.05 M page_count: 22 document date: 2023-10-17</p>
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**AUTOOL SVB305**  
Articulating Video Borescope  
User Manual



[AUTOOL SVB305 Articulating Video Borescope User Manual](#)

This user manual provides comprehensive instructions for the AUTOOL SVB305 Articulating Video Borescope. It covers safety precautions, product introduction, structure, operation, troubleshooting, maintenance, warranty, and return policies for automotive inspections.

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**AUTOOL SVB303**  
Four-way Articulating Borescope  
User Manual



[AUTOOL SVB303 Four-way Articulating Borescope User Manual](#)

User manual for the AUTOOL SVB303 Four-way Articulating Borescope, detailing its features, operation, safety guidelines, maintenance, warranty, and return policies. Includes technical specifications and troubleshooting tips.

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