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NIDAGE Two-Way Articulating Borescope

NIDAGE 2-Way Articulating Borescope User Manual

Model: Two-Way Articulating Borescope (B0DHRPXGRL)

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your NIDAGE 2-Way Articulating Borescope. This industrial endoscope is designed for detailed visual inspection in confined or hard-to-reach areas, such as engine cylinders, pipes, and machinery. Please read this manual thoroughly before operation and retain it for future reference.

Key Features:

- **Two-Way 210° Articulating Probe:** Allows precise navigation and inspection from multiple angles without rotating the entire cable.
- **4.3-inch IPS Super HD Screen:** Provides clear, vibrant, and detailed visuals of the inspection area.
- **0.24-inch (6.2mm) Tiny Endoscope Camera:** Enables access to very narrow spaces.
- **Adjustable LED Lights:** Six integrated LED lights offer adjustable brightness for optimal illumination in dark environments.
- **IP67 Waterproof Probe:** Ensures durability and functionality in wet conditions and oil applications.
- **Photo and Video Function:** Capture images and record videos of inspections for documentation and analysis.
- **Ergonomic Design:** Comfortable grip for extended use.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- NIDAGE 2-Way Articulating Borescope (Main Unit with Probe)
- USB Type-C Charging Cable
- User Manual
- 32GB Memory Card (pre-installed or included separately)

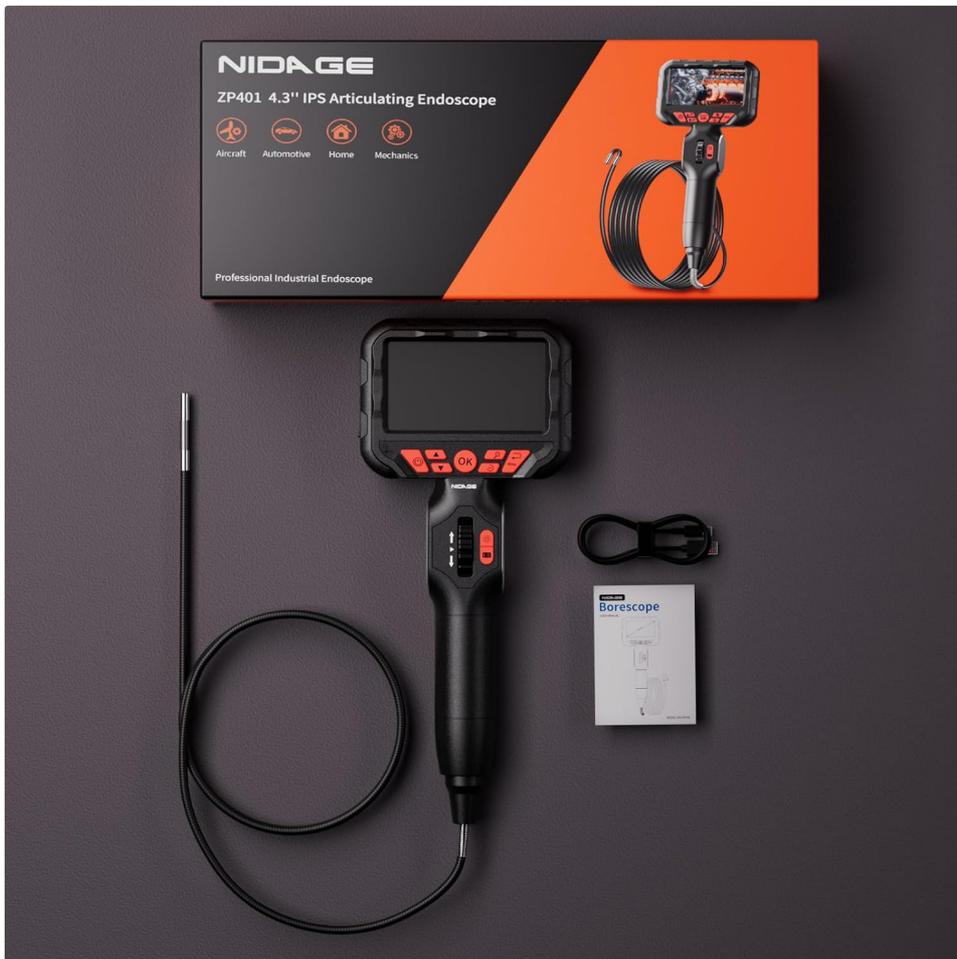


Image: Package contents of the NIDAGE borescope.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your borescope.



Image: The NIDAGE 2-Way Articulating Borescope main unit.



Image: Labeled diagram of the borescope controls.

Control Functions:

- **Power Button:** Press and hold to turn the device on/off.
- **OK Button:** Confirm selections or capture photos/videos.
- **Up/Down Buttons:** Navigate menus or adjust settings.
- **Control Wheel:** Manipulate the articulation of the probe tip.
- **Return/Menu Button:** Access the main menu or go back.
- **LEDs Adjustment Button:** Cycle through LED brightness levels.
- **Take Photo/Video Button:** Short press to take a photo, long press to start/stop video recording.
- **Zoom Button:** Adjust digital zoom level.
- **180° Rotation Button:** Rotate the image on the screen.

4. SETUP

4.1 Charging the Device

Before first use, fully charge the borescope. Use the provided USB Type-C cable to connect the device to a compatible USB power source (e.g., computer, wall adapter).

- The charging indicator light will illuminate during charging.
- A full charge typically takes several hours.

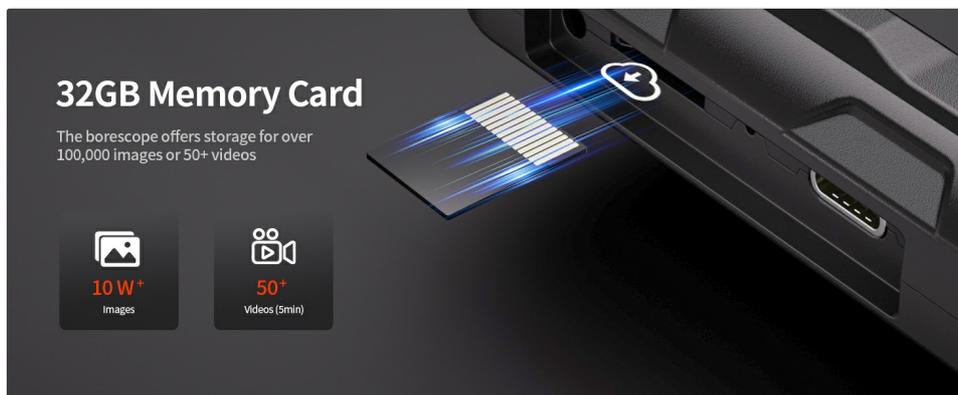


Image: Charging the borescope via Type-C USB.

4.2 Inserting the Memory Card

The borescope comes with a 32GB memory card for storing images and videos. Ensure it is properly inserted before use.

- Locate the memory card slot on the device.
- Insert the memory card with the contacts facing down until it clicks into place.



Image: Inserting the 32GB memory card.

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 Articulating the Probe

The borescope features a two-way articulating probe for flexible inspection.

- Use the **Control Wheel** on the handle to bend the probe tip left or right.
- The probe can articulate up to 210 degrees in each direction.
- Avoid forcing the probe beyond its articulation limits.



Image: Two-way articulation of the borescope probe.

5.3 Adjusting LED Brightness

Press the **LEDs Adjustment Button** to cycle through different brightness levels for the probe's integrated lights. This helps optimize visibility in various lighting conditions.

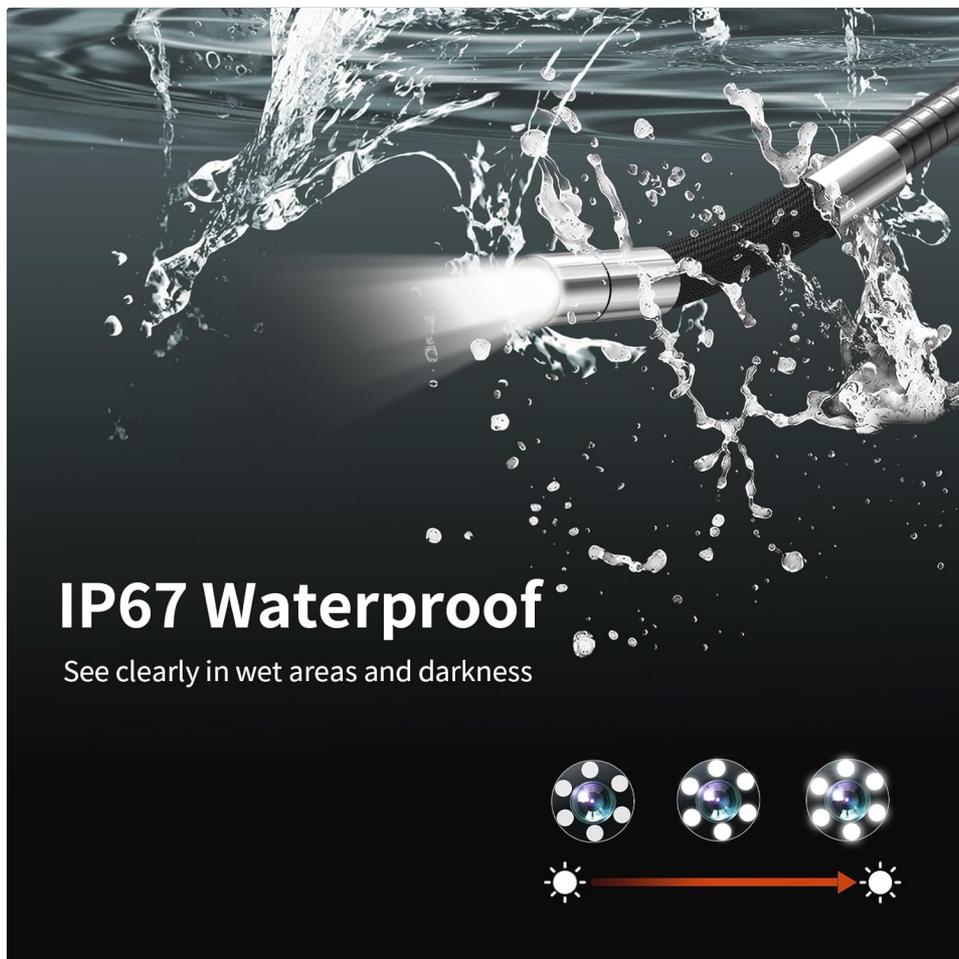


Image: IP67 waterproof probe with adjustable LED lights.

5.4 Capturing Photos and Videos

The borescope allows you to capture still images and record video footage of your inspections.

- **To take a photo:** Press the **Take Photo/Video Button** once. A camera icon or flash may appear on the screen to confirm capture.
- **To record a video:** Press and hold the **Take Photo/Video Button**. A recording indicator (e.g., red dot, timer) will appear. Press and hold again to stop recording.
- Captured media is saved to the inserted 32GB memory card.

Photo & Video Function



Image: Photo and video capture functions on the borescope display.

5.5 Using the 4.3-inch IPS Screen

The high-definition IPS screen provides a clear view of the inspection area.

- The screen offers wide viewing angles and accurate color reproduction.
- Use the **Zoom Button** to digitally magnify the image.
- Press the **180° Rotation Button** to flip the image orientation if needed.

4.3" IPS Screen

The true-color ips screen ensures exceptional clarity and color accuracy



Image: The 4.3-inch IPS screen for clear visualization.

6. MAINTENANCE

6.1 Cleaning the Probe and Unit

- After each use, especially in dirty or oily environments, gently wipe the probe with a soft, damp cloth.
- For stubborn grime, a mild detergent can be used, ensuring no liquid enters the main unit.
- Do not use abrasive cleaners or solvents.
- Wipe the main unit with a dry, soft cloth.

6.2 Storage

- Store the borescope in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the probe is coiled loosely and not sharply bent to prevent damage.
- If storing for extended periods, ensure the battery is partially charged (around 50%) to prolong battery life.

6.3 High-Temperature Protection

The borescope is equipped with high-temperature protection. If the probe's temperature exceeds 85°C, the video signal will automatically disconnect to prevent damage. Allow the probe to cool down before resuming operation.

7. TROUBLESHOOTING

- **Device does not power on:** Ensure the battery is fully charged. If the issue persists, try charging with a different USB port or cable.
- **No image on screen:** Check if the probe is securely connected. Ensure the device is powered on.
- **Image is blurry:** Adjust the focus distance by moving the probe closer or further from the object. Ensure the camera lens is clean.
- **Probe articulation is stiff or unresponsive:** Do not force the articulation. Check for any obstructions around the probe tip.
- **Cannot save photos/videos:** Ensure the memory card is properly inserted and has sufficient free space. The card may need to be formatted (refer to device settings).
- **Device overheats:** If the device becomes excessively hot, power it off immediately and allow it to cool down. Avoid prolonged use in high-temperature environments.

8. SPECIFICATIONS

Feature	Specification
Model	Two-Way Articulating Borescope (B0DHRPXGRL)
Probe Diameter	0.24 inches (6.2 mm)
Probe Length	5.3 feet (1.6 meters)
Articulation Angle	2-Way, 210° (each direction)
Screen Size	4.3 inches IPS
Video Capture Resolution	1080p
Macro Focus Range	3-10 cm (1.18-3.94 inches)
LED Lights	6 adjustable LEDs
Waterproof Rating	IP67 (probe only)
Battery	1 A battery (included)
Storage	32GB Memory Card (included)
Charging Port	USB Type-C

9. WARRANTY AND SUPPORT

9.1 Warranty Information

NIDAGE products are manufactured to high-quality standards. This product is covered by a limited warranty against defects in materials and workmanship from the date of purchase. Please refer to the warranty card included in your package or contact customer support for specific warranty terms and conditions.

9.2 Customer Support

If you encounter any issues or have questions regarding your NIDAGE 2-Way Articulating Borescope, please contact NIDAGE customer support. Contact details can typically be found on the product packaging, the official

NIDAGE website, or through your purchase platform.

When contacting support, please provide your product model (B0DHRPXGRL) and a detailed description of the issue.

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Related Documents - Two-Way Articulating Borescope

	<p>NIDAGE WiFi Endoscope Camera User Manual: Setup, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the NIDAGE WiFi Endoscope Camera (Model AW655). Learn how to connect, operate, and troubleshoot your endoscope for various inspection tasks. Includes safety guidelines and FCC compliance information.</p>
	<p>NIDAGE WiFi Endoscope Camera User Manual: Setup, Operation, and Troubleshooting</p> <p>Comprehensive user manual for the NIDAGE WiFi Endoscope Camera (Model AW655). Learn how to connect, operate, and troubleshoot your endoscope for various inspection tasks. Includes safety guidelines and FCC compliance information.</p>
	<p>Teslong TD450S Articulating Borescope User Manual</p> <p>User manual for the Teslong TD450S articulating borescope, detailing its features, specifications, operation, and maintenance. This borescope is designed for inspecting narrow spaces in automotive and other applications.</p>
	<p>Ralcam H4-A Series Articulating Borescope User Manual</p> <p>Comprehensive guide to the Ralcam H4-A series articulating borescope, detailing its features, specifications, operation, troubleshooting, and application environments for professional use.</p>
	<p>Teslong TD500 Articulating Borescope User Manual</p> <p>Comprehensive user manual for the Teslong TD500 articulating borescope, detailing product features, specifications, operation, and maintenance for professional inspection tasks.</p>



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.