

## NIDAGE 3.9mm WiFi Borescope & 210° Two-Way Articulating Borescope

# NIDAGE 3.9mm WiFi Borescope & 210° Two-Way Articulating Borescope User Manual

### 1. INTRODUCTION

This manual provides detailed instructions for the NIDAGE 3.9mm WiFi Borescope with 210° Two-Way Articulating Probe. This device is designed for precise and detailed inspections in various applications, including automotive, industrial, and home maintenance. Its ultra-thin probe and articulating camera head allow access to extremely tight spaces, providing clear visual feedback.

Key features include a 3.9mm ultra-thin probe, 210° two-way articulation for flexible navigation, WiFi connectivity for broad compatibility with Android and iOS devices, 6 adjustable LED lights for illumination in dark environments, and an IP67 waterproof rating for the probe, ensuring durability in wet and oily conditions.



Figure 1: NIDAGE 3.9mm WiFi Borescope with its components.

## 2. SETUP

### 2.1 Package Contents

- NIDAGE WiFi Borescope Unit
- 3.9mm Articulating Probe (5.3 FT cable)
- USB Charging Cable
- User Manual

### 2.2 App Installation

1. Locate the 'HD WiFi' application in your device's app store (Google Play Store for Android, Apple App Store for iOS).
2. Download and install the 'HD WiFi' app on your smartphone or tablet.

### 2.3 Device Connection

1. Ensure the borescope unit is fully charged. Connect the probe to the main WiFi module.

2. Power on the NIDAGE WiFi borescope unit. A green indicator light will illuminate.
3. On your smartphone or tablet, go to your WiFi settings.
4. Connect to the WiFi network named 'HD WiFi' followed by a series of characters. The password is typically '12345678'.
5. Open the 'HD WiFi' application. The live video feed from the borescope camera should now be displayed.



Figure 2: NIDAGE WiFi module with connected probe.

# Wide Compatibility & Easy to Use



*Android*  
5.0+



*iOS*  
9.0+



*iPad*



Figure 3: The NIDAGE borescope is compatible with Android, iOS, and iPad devices.

## 3. OPERATING INSTRUCTIONS

### 3.1 Navigating with the Articulating Probe

The borescope features a two-way 210° articulating probe, allowing precise control and navigation in complex environments. Use the control wheel on the handle to adjust the camera's direction. This eliminates the need for frequent cable rotation, simplifying inspections in tight or obstructed areas.

# Upgraded 3rd Gen Chip & 1080P HD Camera

Provide you with crystal clear view experience

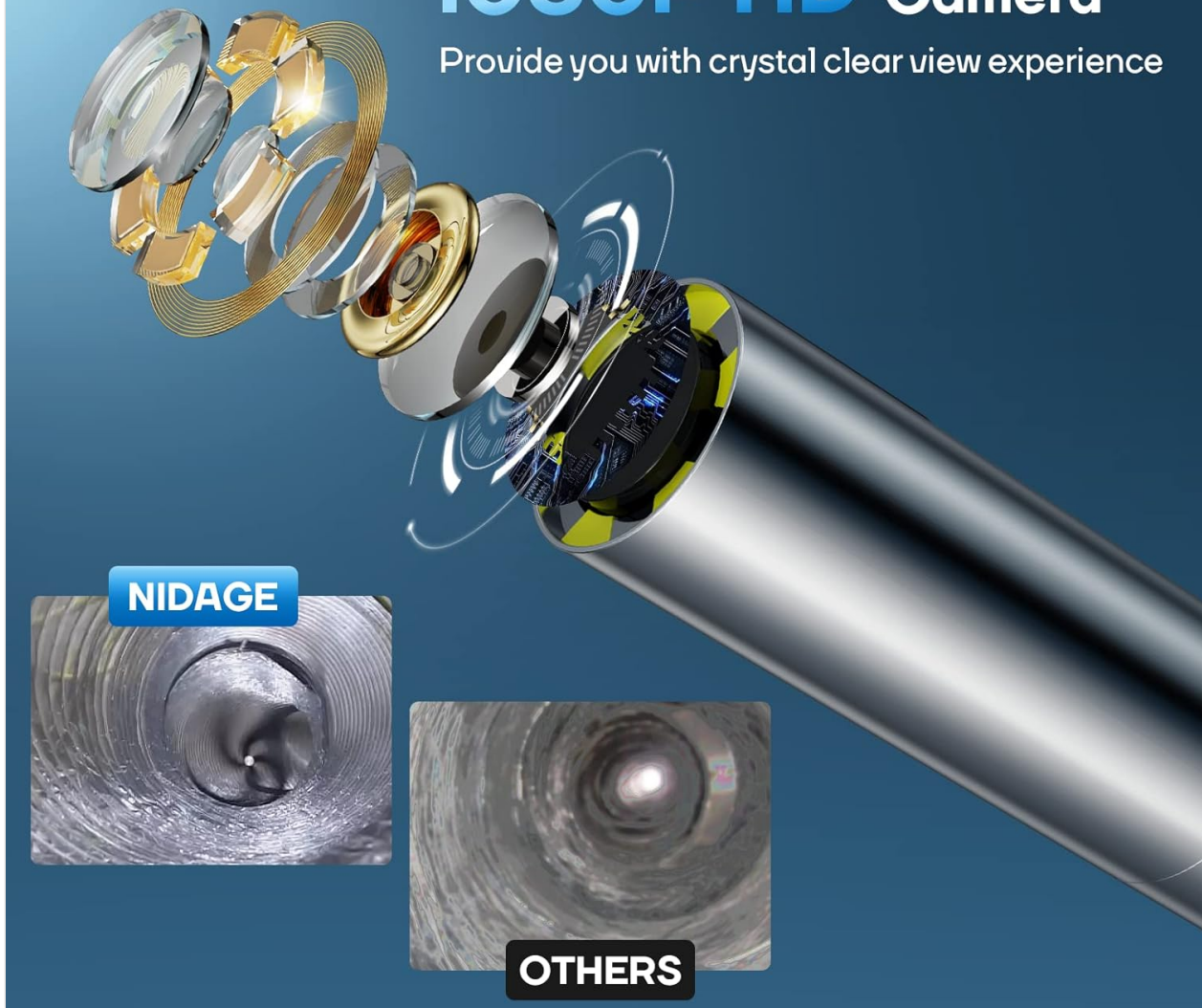


Figure 4: Illustration of the 210° two-way articulating probe in use.

## 3.2 Adjusting LED Illumination

The probe is equipped with 6 adjustable LED lights to provide optimal illumination in dark inspection areas. Use the dedicated button or control within the 'HD WiFi' app to increase or decrease the brightness as needed for a clear view.

## 3.3 Capturing Photos and Videos

The 'HD WiFi' app allows you to capture still images and record videos directly from the borescope feed. Look for the camera and video recorder icons within the app interface. Tap the camera icon to take a photo or the video icon to start/stop recording. Captured media will be saved to your device's gallery.



# Photo & Video Function



Figure 5: App interface showing photo and video capture functions.

## 3.4 Focal Length

The optimal focal length for clear viewing with this borescope is between 3 cm and 10 cm. Position the camera within this range for the sharpest images of close objects.

## 4. MAINTENANCE

### 4.1 Cleaning the Probe and Lens

- After each use, especially in dirty or oily environments, gently wipe the probe and camera lens with a soft, damp cloth.
- For stubborn residue, use a small amount of isopropyl alcohol on a cotton swab, ensuring no liquid enters the probe's internal components.
- Ensure the lens is clean and free of smudges for optimal image clarity.

### 4.2 Storage

- Store the borescope in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid kinking or sharply bending the probe cable during storage to prevent damage.

- Keep the device and accessories in their original packaging or a protective case when not in use.

### 4.3 Battery Care

- Recharge the device regularly, even if not used frequently, to maintain battery health.
- Do not expose the battery to high temperatures or attempt to disassemble it.

## 5. TROUBLESHOOTING

### 5.1 No Image Displayed

- Ensure the borescope unit is powered on and fully charged.
- Verify that your mobile device is connected to the 'HD WiFi' network.
- Check if the 'HD WiFi' app is open and has the necessary permissions.
- Restart both the borescope unit and the 'HD WiFi' app.

### 5.2 Poor Image Quality

- Clean the camera lens as described in the Maintenance section.
- Adjust the LED brightness to suit the inspection environment.
- Ensure the object being inspected is within the optimal focal length of 3-10 cm.

### 5.3 WiFi Connection Issues

- Confirm the WiFi password '12345678' is entered correctly.
- Ensure no other devices are interfering with the WiFi signal.
- Try connecting in a different location to rule out environmental interference.

## 6. SPECIFICATIONS

Feature	Specification
Probe Diameter	3.9 mm
Articulation	Two-Way 210°
Focal Length	3 - 10 cm
Compatibility	Android 5.0+, iOS 9.0+, iPad
LED Lights	6 adjustable LEDs
Cable Length	5.3 FT (Rigid Gooseneck)
Waterproof Rating	IP67 (Probe only)
Camera Resolution	1080P HD



Figure 6: The NIDAGE borescope features an ultra-thin 3.9mm lens.

## 7. WARRANTY AND SUPPORT

NIDAGE products are manufactured to high-quality standards. For any questions, technical assistance, or support inquiries regarding your NIDAGE 3.9mm WiFi Borescope, please refer to the contact information provided with your purchase or visit the official NIDAGE store page for further assistance.

For more information, you can visit the [NIDAGE Store](#).


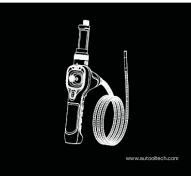



### Related Documents - 3.9mm WiFi Borescope & 210° Two-Way Articulating Borescope



#### [NIDAGE WiFi Endoscope Camera User Manual: Setup, Operation, and Troubleshooting](#)

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><a href="#">NIDAGE WiFi Endoscope Camera User Manual: Setup, Operation, and Troubleshooting</a></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><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>
	<p><a href="#">Ralcam H4-A Series Articulating Borescope User Manual</a></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><a href="#">ANYKIT AN150P 360° Articulating Borescope User Manual</a></p> <p>Comprehensive user manual for the ANYKIT AN150P 360° Articulating Borescope, covering features, specifications, setup, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">KAIWEETS KBA01 Articulating Industrial Borescope User Manual</a></p> <p>Comprehensive user manual for the KAIWEETS KBA01 two-way articulating industrial borescope, covering setup, operation, safety, maintenance, and specifications.</p>