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NIDAGE 885716

NIDAGE Wireless Endoscope User Manual

Model: 885716

Product Overview

The NIDAGE Wireless Endoscope is a versatile inspection camera designed for hard-to-reach areas. Featuring a 5.5mm diameter probe and 1080P HD resolution, it provides clear visuals for various applications. Its IP67 waterproof rating and adjustable LED lights ensure functionality in challenging environments. Compatible with both Android (5.0+) and iOS (9.0+) devices, it offers a convenient wireless connection for real-time viewing and recording.



Figure 1: NIDAGE Wireless Endoscope, showing the camera probe, coiled cable, and the main control unit.

Key Features

- **Advanced 5.5 mm Borescope:** Features a 0.21-inch diameter probe for accessing smaller pipes and confined areas, enhancing field of view.
- **Wide Compatibility & Long Cable:** Compatible with Android (5.0+) and iPhone iOS (9.0+) systems. Includes a 33 FT (10 M) semi-rigid cable that can be bent and hold its shape for versatile access.

- **1080P HD Inspection Camera:** Equipped with a 2MP CMOS camera for crystal-clear visuals, essential for accurate inspections in automotive, DIY, and professional settings.
- **IP67 Waterproof & Adjustable LEDs:** Designed for wet or underwater environments. Features adjustable LED lights for optimal illumination in dark and narrow spaces.
- **Durable Industrial Design:** Suitable for various applications including inspecting under floors, inside walls, attics, gutters, drains, pipes, heating vents, air ducts, furnaces, auto parts (pistons, gears, valves), and more.



Figure 2: The endoscope camera head, highlighting its 1080P HD resolution and 30 frames per second capture capability.

Package Contents

Please verify that all items are present and in good condition upon opening the package:

- NIDAGE Wireless Endoscope (5.5mm probe with 33FT cable)
- WiFi Transmitter Box (integrated with cable)
- USB Charging Cable
- User Manual (this document)
- Practical Accessories: Small Hook, Magnet, Side-view Mirror (refer to Figure 3)



Figure 3: Included accessories: small hook, magnet, and side-view mirror, which can be screwed onto the camera head.

Setup Instructions

1. **Charge the Device:** Ensure the WiFi transmitter box is fully charged using the provided USB cable. The red indicator light will turn off when charging is complete.
2. **Download the App:** Download and install the "HDWiFi" app on your mobile device (Android 5.0+ or iOS 9.0+) from your device's app store (Google Play Store or Apple App Store).
3. **Power On:** Turn on the WiFi transmitter by pressing and holding the power button for 5 seconds until the blue light illuminates.
4. **Connect to WiFi:**
    - Go to your phone's Wi-Fi settings.
    - Locate the wireless signal named "NIDAGE*****" (e.g., NIDAGE86434).
    - Click on it and enter the password "12345678" to connect.
    - **Important Note:** The endoscope creates its own Wi-Fi network. Your phone must be connected to this "NIDAGE*****" network, not your home or local network Wi-Fi, for the app to function. If you are connected to your home Wi-Fi, you may need to temporarily disable it or ensure your phone prioritizes the NIDAGE network.
5. **Launch the App:** Open the "HDWiFi" application. The camera feed should automatically display.



Figure 4: Internal view of the WiFi transmitter, illustrating its robust design for stable signal transmission.

Operating Instructions

1. **Adjust LED Brightness:** Use the integrated control on the cable or transmitter box to adjust the brightness of the LED lights on the camera probe for optimal visibility in different lighting conditions.
2. **Insert the Probe:** Carefully insert the 5.5mm camera probe into the area you wish to inspect. The semi-rigid cable allows you to bend and hold its shape to navigate tight spaces.
3. **Orient the Camera:** Before inserting the camera deep, try to orient it so the image on your screen is right-side up. This will make it easier to understand what you are viewing.
4. **Capture Images/Videos:** The "HDWiFi" app supports one-click activation for both still image capture and video recording. Look for the camera and video icons within the app interface.
5. **Utilize Accessories:** Attach the small hook, magnet, or side-view mirror to the camera head as needed for retrieving objects or changing the viewing angle.



Figure 5: The endoscope in various applicable scenarios, demonstrating its utility for automotive maintenance, pipeline inspection, home appliance inspection, and HVAC inspection.

Maintenance

- **Cleaning:** After each use, especially in dirty or wet environments, gently wipe the camera probe and cable with a soft, damp cloth. For stubborn grime, a mild soap solution can be used, followed by a clean water rinse and thorough drying.
- **Storage:** Store the endoscope in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the cable is neatly coiled to prevent kinks or damage. The original hard case (if available) is recommended for storage.
- **Battery Care:** For optimal battery life, avoid fully discharging the device frequently. Charge it regularly, even if not in use for extended periods.
- **Protective Cap:** If the pipe diameter is less than 5.6mm, unscrew the protective cap from the camera probe. Remember to re-attach it for protection when not in use or when inspecting larger diameters.



Figure 6: The 5.5mm camera probe with its protective cap, demonstrating its small size for narrow inspections.

Troubleshooting

Problem	Possible Cause	Solution
No image on app / Cannot connect to Wi-Fi	Phone connected to local network Wi-Fi instead of NIDAGE Wi-Fi box.	Ensure your phone is connected to the "NIDAGE*****" Wi-Fi network (password: 12345678). Temporarily disable your local network Wi-Fi if necessary to ensure connection to the device's Wi-Fi.
Poor image quality / Blurry image	Lens is dirty; insufficient lighting; object too close/far.	Clean the lens. Adjust LED brightness. The optimal viewing distance is approximately 1.2 to 3.9 inches from the object.
Device not powering on	Low battery; power button not held long enough.	Charge the device fully. Press and hold the power button for 5 seconds until the blue light appears.

Specifications

Specification	Detail
Model Number	885716
Probe Diameter	5.5mm (0.21 inches)
Cable Length	33 FT (10 Meters)
Video Capture Resolution	1080p HD (2MP CMOS)
LED Lights	6 Adjustable LEDs (6500K)
Waterproof Rating	IP67
Battery Type	1 Lithium Polymer battery (included)
Compatibility	Android (Above 5.0), iPhone iOS (Above 9.0)
Optimal Viewing Distance	Approx. 1.2 - 3.9 inches

Warranty and Support

This product is manufactured by TELESION. For any support inquiries, please refer to the seller's contact information on the platform where the product was purchased. A PDF user manual is also available for download from the product page for detailed information.
Protection plans may be available for purchase separately. Please check the product listing for details on 2-Year or 3-Year protection plans.
For additional resources, you may visit the official NIDAGE Store:NIDAGE Store

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