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NIDAGE CA-AW655-1.5

NIDAGE Wireless Endoscope Camera User Manual

Model: CA-AW655-1.5



INTRODUCTION

Thank you for choosing the NIDAGE Wireless Endoscope Camera. This device is designed for inspecting hard-to-reach areas, providing clear visual feedback on your smartphone or tablet. Its compact size, flexible cable, and adjustable LED lights make it an indispensable tool for various applications, including automotive repair, pipeline inspection, HVAC maintenance, and home appliance diagnostics.

This manual provides detailed instructions on how to set up, operate, and maintain your NIDAGE Wireless Endoscope Camera. Please read it thoroughly before use to ensure proper functionality and to maximize the lifespan of your device.

SAFETY INFORMATION

- Do not attempt to disassemble or modify the device. Unauthorized modifications can void the warranty and pose safety risks.
- Keep the device away from extreme temperatures, direct sunlight, and corrosive liquids.
- Ensure the camera lens is clean before and after each use to maintain optimal image quality.
- The camera probe is waterproof (IP67 rated), but the main Wi-Fi module is not. Do not submerge the Wi-Fi module in water.
- Use only the provided charging cable or a compatible 5V DC power source.
- Keep out of reach of children.

PACKAGE CONTENTS

Verify that all items are present in your package:

- NIDAGE Wireless Endoscope Camera (with flexible cable and 5.5mm camera head)
- USB Charging Cable

- Hook Attachment
- Magnet Attachment
- Side-view Mirror Attachment
- User Manual (this document)



Image: The NIDAGE Wireless Endoscope Camera with its main unit, flexible cable, and included accessories (hook, magnet, side-view mirror).

PRODUCT OVERVIEW

The NIDAGE Wireless Endoscope Camera consists of a main Wi-Fi module and a flexible cable with a camera head. The camera head features a small diameter and adjustable LED lights for illumination.

Key Features:

- **5.5mm Camera Head:** Allows inspection in very narrow spaces.
- **1080P HD Camera:** Provides high-resolution images and videos.
- **6 Adjustable LED Lights:** Ensures clear visibility in dark environments.

- **IP67 Waterproof Probe:** The camera and cable are resistant to water, suitable for damp or wet areas.
- **Semi-Rigid Cable:** Can be bent and holds its shape for easier navigation.
- **Wi-Fi Connectivity:** Connects wirelessly to Android and iOS smartphones/tablets.

All these 3 useful tools can be firmly screwed on the camera head.



Small Hook



Magnet



Side-view Mirror



Image: Detailed view of the endoscope's control unit with input port, power switch, and LED brightness control. Also shown are the small hook, magnet, and side-view mirror accessories that screw onto the camera head.

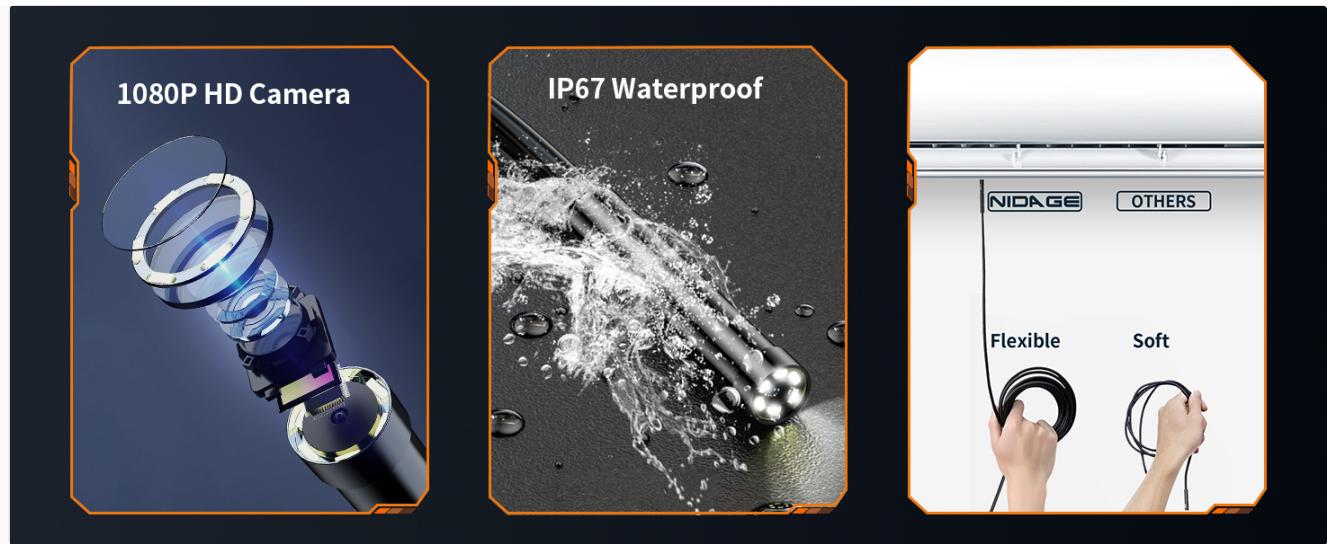


Image: Visual representation highlighting the 1080P HD camera, IP67 waterproof rating of the probe, and the flexible yet semi-rigid nature of the cable compared to softer alternatives.

SETUP GUIDE

1. Charging the Device

Before first use, fully charge the NIDAGE Wireless Endoscope Camera. Connect the provided USB charging cable to the micro-USB port on the Wi-Fi module and plug the other end into a 5V USB power adapter (not included) or a computer's USB port. The charging indicator light will show the charging status.

2. Downloading the Application

The NIDAGE endoscope requires a dedicated application to view the camera feed. Search for "HD WiFi" in your device's app store (App Store for iOS, Google Play Store for Android) or scan the QR code provided in the manual or on the product packaging.



Image: A visual guide showing the steps to download the "HD WiFi" app from app stores, turn on the device, connect to its Wi-Fi network, and open the app to view images. A QR code for app download is also visible.

[Download App \(External Link\)](#)

3. Connecting via Wi-Fi

1. Turn on the NIDAGE Wireless Endoscope Camera by sliding the "ON/OFF" switch to the "ON" position. A blue

indicator light will illuminate, indicating the device is powered on and emitting a Wi-Fi signal.

2. On your smartphone or tablet, go to your Wi-Fi settings.
3. Locate and select the Wi-Fi network named "NIDAGE_XXXX" or "Jetio_XXXX" (where XXXX are unique characters).
4. Enter the default password: **12345678**.
5. Once connected, open the "HD WiFi" application. The camera feed should now be visible on your screen.

OPERATING INSTRUCTIONS

Viewing the Camera Feed

After successfully connecting the endoscope to your device via Wi-Fi and opening the "HD WiFi" app, the live video feed from the endoscope camera will be displayed on your screen. You can now maneuver the flexible cable to inspect desired areas.

Adjusting LED Brightness

The camera head is equipped with 6 adjustable LED lights. To control their brightness, use the rotary dial located on the side of the Wi-Fi module. Rotate the dial to increase or decrease the illumination as needed for optimal viewing in various lighting conditions.

Capturing Images and Videos

Within the "HD WiFi" app, you will find buttons to capture still images (snapshots) and record videos. Refer to the app's interface for specific button locations and functionalities. Captured media will be saved directly to your smartphone or tablet's gallery.

Using Accessories

The NIDAGE endoscope comes with three useful attachments that can be screwed onto the camera head:

- **Hook:** Useful for retrieving small objects from hard-to-reach places.
- **Magnet:** Ideal for picking up metallic items like screws or keys.
- **Side-view Mirror:** Provides a 90-degree viewing angle, allowing inspection of areas directly to the side of the camera.

SMALLER CAMERA

Please unscrew the protective cap
if the pipe diameter is less than 5.6mm



Image: Illustration of the 5.5mm camera head and the removable protective cap. It indicates that the cap should be unscrewed if the pipe diameter is less than 5.6mm for optimal fit.

Applications

The NIDAGE Wireless Endoscope Camera is versatile and can be used for a wide range of inspection tasks:

- **Automotive Maintenance:** Inspecting engine components, spark plug holes, or hard-to-reach areas under the hood.
- **Pipeline Inspection:** Checking for blockages, corrosion, or damage in drains and pipes.
- **Home Appliance Inspection:** Examining internal parts of washing machines, refrigerators, or dishwashers.
- **HVAC Inspection:** Looking into air ducts, vents, and heating/cooling systems.
- **Wall Inspection:** Exploring behind walls for wiring, insulation, or pest issues.

Multi-Application - 1080P HD



Pipeline Inspection



Car Maintenance



Air-conditioning inspection



Wall Inspection



Home Appliance Repair

Image: A collage demonstrating various practical uses of the endoscope, including inspecting pipes, car engines, air conditioning units, walls, and home appliances.

Your browser does not support the video tag.

Video: An official product video from NIDAGE demonstrating the wireless endoscope's features and its use in automotive inspection, highlighting its semi-rigid flexible cable and waterproof 5.5mm WiFi borescope capabilities.

MAINTENANCE

- Cleaning:** After each use, especially in dirty or wet environments, gently wipe the camera lens and cable with a soft, damp cloth. For stubborn dirt, a small amount of mild soap can be used, followed by wiping with a clean, damp cloth. Ensure the camera lens is dry before storage. Do not use abrasive cleaners or solvents.
- Storage:** Store the endoscope in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cable loosely to prevent kinks or damage.
- Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to about 50% every few months.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen / Black screen	Device not powered on. Wi-Fi not connected or incorrect network selected. Incorrect Wi-Fi password. App not open or frozen. Low battery.	Ensure the ON/OFF switch is in the "ON" position. Verify connection to "NIDAGE_XXXX" or "Jetio_XXXX" Wi-Fi network. Re-enter password "12345678". Close and reopen the "HD WiFi" app. Charge the device.
Poor image quality / Blurry image	Dirty camera lens. Insufficient lighting. Object too close or too far from camera.	Clean the camera lens. Adjust LED brightness using the rotary dial. Adjust the distance between the camera and the object (optimal focal length is typically 3-10 cm).
Wi-Fi connection drops frequently	Too far from the Wi-Fi module. Interference from other Wi-Fi networks. Low battery.	Keep your smartphone/tablet close to the Wi-Fi module. Try using the device in an area with less Wi-Fi interference. Charge the device.

SPECIFICATIONS

Feature	Detail
Model Number	CA-AW655-1.5
Camera Diameter	5.5 mm
Cable Length	4.92 FT (approximately 1.5 meters)
Video Resolution	1080p
Light Source	6 Adjustable LED Lights
Waterproof Rating	IP67 (for camera probe only)
Connectivity	Wi-Fi
Compatible Devices	Android, iOS Smartphones & Tablets
Battery Type	1 Lithium Metal battery (included)
Product Dimensions	59.06 x 0.24 x 0.24 inches (approximate)
Weight	2.82 ounces (approximate)

WARRANTY AND SUPPORT

NIDAGE products are manufactured with high-quality standards. For warranty information and technical support,

please refer to the contact details provided on the official NIDAGE website or the product packaging. Keep your purchase receipt as proof of purchase for warranty claims.

For further assistance, you may visit the NIDAGE store on Amazon:[NIDAGE Amazon Store](#).

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Related Documents - CA-AW655-1.5

	<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 NTS300 Inspection Camera User Manual and Guide</p> <p>Comprehensive user manual for the Teslong NTS300 inspection camera, detailing features, specifications, operating instructions, settings, and customer support.</p>
	<p>USB Android+PC 7mm Soft Tube Endoscope Camera - 5m Inspection Tool</p> <p>Explore hard-to-reach areas with this 5m USB Android and PC endoscope wire. Features a 7mm, IP67 waterproof camera with 6 adjustable LEDs, 1.3MP resolution, and compatibility with Android 4.0+ and Windows.</p>
	<p>LIMINK 5.0MP WiFi Endoscope Camera User Manual - HD Inspection</p> <p>Comprehensive user manual for the LIMINK 5.0MP WiFi Endoscope Camera. Learn how to connect, use the Scope View app, and understand technical specifications for this waterproof inspection tool.</p>
	<p>KZYEE KZ3000 Borescope Inspection Camera User Manual</p> <p>User manual for the KZYEE KZ3000 Triple Lens Borescope Inspection Camera, detailing its features, specifications, operation, and maintenance.</p>