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› Borescope Inspection Camera, DEPSTECH 1944P HD Wireless Endoscope, 3X Zoom Sewer Camera for Motor Engine Inspection, Waterproof Semi-Rigid Snake Camera with 6 LEDs for iPhone Android, Tablet -16.5FT

DEPSTECH WF050

DEPSTECH 1944P HD Wireless Endoscope Instruction Manual

Model: WF050

1. INTRODUCTION

The DEPSTECH 1944P HD Wireless Endoscope (Model WF050) is a high-resolution inspection camera designed for various applications, including motor engine inspection, sewer and plumbing analysis, and general home appliance repairs. It features a 5MP camera, 3X digital zoom, and 6 adjustable LED lights for clear visibility in dark and wet environments. The semi-rigid cable allows for flexible maneuvering into tight spaces. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your endoscope.



Figure 1: DEPSTECH WF050 Wireless Endoscope

2. KEY FEATURES

- **1944P HD Video Inspection Camera & One-Click Photo Taking:** Equipped with a 2nd generation COMS chip, this endoscope captures 5MP clear pictures and fluent 1944P HD video. Photos and videos can be taken with a single click.
- **3X Zoom Feature:** Allows for 3X magnification to get a closer look at details. The optimal observation distance is between 2.76 inches and 15.7 inches.
- **Flexible Semi-rigid Snake Camera:** The 16.5-foot long semi-rigid cable can be bent and holds its shape, extending into various corners. The probe has a small diameter of 8.5 mm, suitable for narrow spaces.
- **IP67 Waterproof Endoscope & 6 LED Lights:** The camera lens and cable are waterproof, enabling use in wet and dark environments. Six adjustable LED lights on the camera tip and a bright LED flashlight on the body ensure clear visibility.
- **Helpful Attachments:** Includes a mirror for side viewing, and a magnet and hook for retrieving objects.

1944P Camera & Camtele 2.0

Clear View/ Show Details/ Not Blurry



Others

DEPSTECH

Figure 2: 1944P HD Camera Clarity

3X Digital Zoom

Get a closer look while using the endoscope



Figure 3: 3X Digital Zoom Function

One-Click Photo Taking



Figure 4: One-Click Photo Taking



Figure 5: Included Accessories

Product Demonstration Video

Your browser does not support the video tag.

Video 1: Official DEPSTECH demonstration of the WF050 endoscope's capabilities, including its 1944P resolution and various inspection uses.

3. SETUP GUIDE

3.1 Package Contents

Before starting, ensure all items are present in the package:

- DEPSTECH WF050 Wireless Endoscope
- USB Charging Cable
- Mirror Attachment
- Hook Attachment

- Magnet Attachment
- User Manual

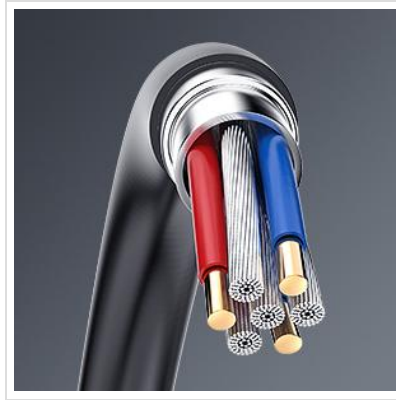


Figure 6: Typical Package Contents

3.2 Initial Charging

Charge the endoscope fully before first use. Connect the USB charging cable to the endoscope's charging port and a standard USB power adapter (not included). The charging indicator light will show the charging status.

3.3 App Installation

This wireless endoscope requires a compatible application to display the camera feed on your smartphone or tablet. Search for the official DEPSTECH app on your device's app store (e.g., Apple App Store for iOS, Google Play Store for Android) and install it. Follow the on-screen instructions within the app for initial setup.

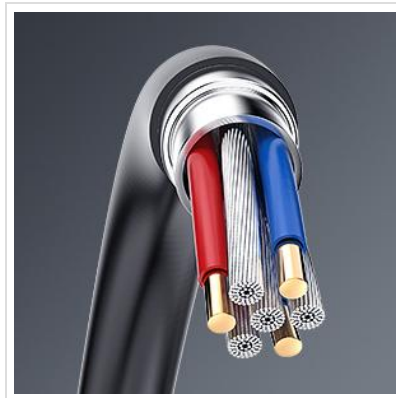


Figure 7: Device Compatibility

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press and hold the power button on the control unit to turn the endoscope on or off. A blue indicator light will illuminate when the device is powered on.

4.2 Connecting to Your Device

1. Power on the endoscope.
2. On your smartphone or tablet, go to Wi-Fi settings.
3. Locate and connect to the Wi-Fi network broadcast by the endoscope (usually named "DEPSTECH_XXXX"). No password is typically required.
4. Open the installed DEPSTECH application. The camera feed should now be visible on your device's screen.

4.3 Adjusting LED Brightness

The endoscope features 6 adjustable LED lights on the camera tip. Use the dimmer wheel or dedicated buttons on the control unit to adjust the brightness level for optimal viewing in different lighting conditions.



Figure 8: LED Brightness Control

4.4 Capturing Photos and Videos

Press the dedicated photo/video button on the control unit to capture images or start/stop video recording. Captured media will be saved directly to your connected device via the app.



Figure 9: One-Click Capture Button

4.5 Using the Zoom Feature

The endoscope supports 3X digital zoom. Use the zoom buttons on the control unit to magnify the image on your screen, allowing for closer inspection of details.

3X Digital Zoom

Get a closer look while using the endoscope



Figure 10: Digital Zoom in Action

4.6 Attaching Accessories

The included mirror, hook, and magnet attachments can be screwed onto the camera probe for specialized tasks. Ensure they are securely fastened before use.

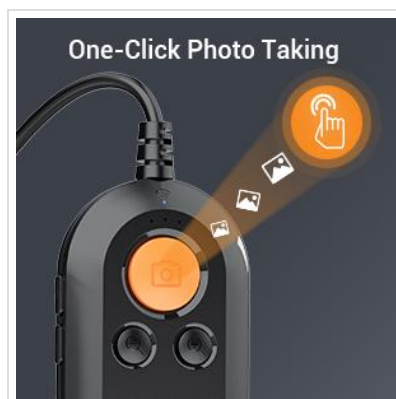


Figure 11: Attaching Accessories

4.7 Common Applications

The DEPSTECH WF050 is versatile for various inspection needs:

- **Car/Auto Maintenance:** Inspect engine components, exhaust systems, and hard-to-reach areas.
- **Air-conditioning Inspection:** Check ducts and vents for blockages or damage.
- **Pipeline Inspection:** Examine plumbing for clogs, leaks, or corrosion.
- **Home Appliance Repairs:** Look inside washing machines, refrigerators, or other appliances.



Figure 12: Diverse Application Scenarios

5. MAINTENANCE

5.1 Cleaning

The camera lens and cable are IP67 waterproof. After use in wet or dirty environments, gently wipe the camera probe and cable with a damp cloth. For stubborn grime, a mild soap solution can be used, followed by a clean, damp cloth. Ensure the control unit is kept dry and clean.

5.2 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. Keep all accessories together in a safe place.

6. TROUBLESHOOTING

If you encounter issues with your DEPSTECH WF050 endoscope, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No image on screen / App freezes	Wi-Fi not connected or unstable; App issue.	Ensure Wi-Fi is connected to the endoscope's network. Restart the app and/or the endoscope. Check for app updates.
Poor image quality	Insufficient lighting; Camera lens dirty; Incorrect focal distance.	Adjust LED brightness. Clean the camera lens. Ensure the object is within the optimal focal distance (2.76-15.7 inches).
Device not powering on	Low battery; Faulty power button.	Charge the device fully. If the issue persists, contact customer support.
Attachments not fitting	Incorrect alignment.	Ensure the attachment is aligned correctly with the screw threads on the camera probe before twisting.

7. SPECIFICATIONS

Feature	Detail
Model	WF050
Video Capture Resolution	1944P (5MP)
Camera Diameter	8.5 mm
Cable Length	16.5 FT
Waterproof Rating	IP67
LED Lights	6 adjustable LEDs
Zoom Feature	3X Digital Zoom
Battery Life	Approx. 4 hours continuous work
Connectivity	Wireless (Wi-Fi)
Compatibility	iOS, Android, Tablet
Item Weight	12.6 ounces
Package Dimensions	6.42 x 6.18 x 2.01 inches

8. WARRANTY AND SUPPORT

DEPSTECH products come with a standard manufacturer's warranty. For detailed warranty information, product support,

or to purchase additional accessories, please visit the official DEPSTECH Store or contact their customer service directly.

Official DEPSTECH Store: <https://www.amazon.com/stores/DEPSTECH/page/EC395369-836D-419E-BE5A-E5B6E5823B6A>

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question