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DEPSTECH WF060

DEPSTECH Wireless Endoscope WF060 User Manual

Model: WF060

INTRODUCTION

This user manual provides detailed instructions for the DEPSTECH Wireless Endoscope WF060. This high-definition borescope is designed for various inspection tasks, offering clear visuals and flexible operation. Please read this manual thoroughly before using the device to ensure proper function and longevity.



Figure 1: DEPSTECH Wireless Endoscope WF060, showing the main control unit and the coiled flexible cable with the camera head.

PACKAGE CONTENTS

- DEPSTECH Wireless Endoscope WF060 (with integrated cable and camera)
- Micro USB Charging Cable
- User Manual (this document)
- Accessory Kit (Hook, Magnet, Side Mirror)

PRODUCT FEATURES

- **5.0MP HD Camera:** Captures high-resolution images and videos (1944P) for clear inspection.

5.0 MP + Bluart 2.0

1944P camera lens with latest Bluart 2.0 sensor tech, capture the best image for you regardless of dark or bright environment.



DEPSTECH

Other Brand

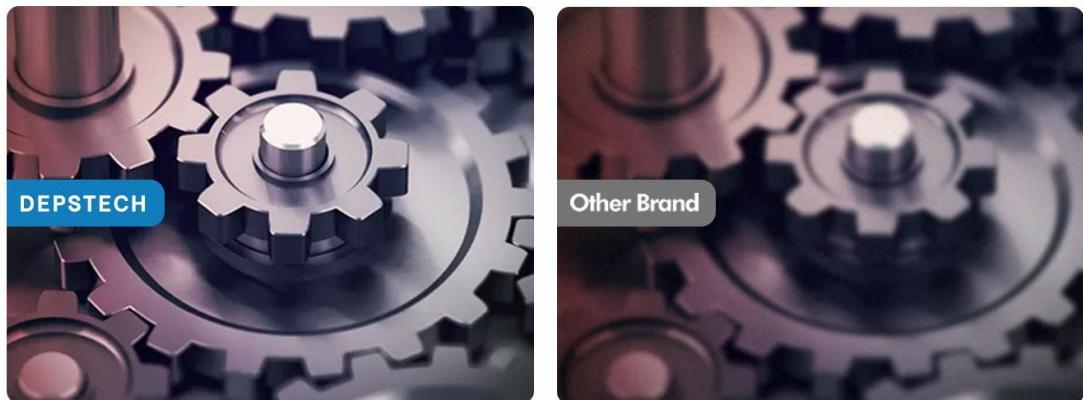


Figure 2: Illustration of the 5.0 MP camera lens with Bluart 2.0 technology, designed for clearer images in various lighting conditions.

- **Camtele Technology:** Extends the focal distance from 2.76 inches to 15.7 inches, allowing for a wider range of clear viewing.

Camtele

By Camtele, the endoscope maximum focal range can be 15.7 inch,- so the clear vision will not be in 3 inch, outshing endoscope with shorter focal distance from other brand.



 Supportive of long focal distance

 Unsupportive of long focal distance

Figure 3: Diagram illustrating the extended focal range of the Camtele technology, showing optimal observation distance between 2.76 and 15.7 inches.

- **Bluart 2.0:** Enhances image clarity, especially in dark or bright environments.
- **IP67 Waterproof Probe:** The 8.5mm ultra-thin camera probe is waterproof, suitable for wet environments.
- **Adjustable LED Lights:** Six adjustable LED lights on the camera head provide illumination in dark areas.
- **3350mAh Battery:** Provides approximately 4-5 hours of continuous working time.

3350mAh Capacity Battery

Able to work continuously for 4-5hours



Figure 4: Image highlighting the 3350mAh battery capacity, indicating 4-5 hours of working time.

- **Flexible Cable:** The semi-rigid cable maintains its shape for easier navigation through tight spaces.

Flexible Better



Figure 5: Comparison showing the flexible yet shape-retaining nature of the DEPSTECH endoscope cable versus a soft, less controllable cable.

SETUP

1. Charging the Device

Before first use, fully charge the endoscope. Connect the Micro USB charging cable to the endoscope's input port and a 5V/1A USB power adapter (not included). The power indicator lights will show charging status.

2. App Installation

Download the "DEPSTECH-View" app from your device's app store (Google Play Store for Android, Apple App Store for iOS). Alternatively, scan the QR code provided in the quick start guide.

3. Connecting to Your Smart Device

1. Press and hold the Power button on the endoscope for 2-3 seconds to turn it on. The WiFi indicator light will blink.

2. On your smartphone or tablet, go to Wi-Fi settings.
3. Find and connect to the Wi-Fi network named "DEPSTECH_XXXX" (XXXX will be a unique identifier).
4. Open the "DEPSTECH-View" app. The camera feed should now be visible.

OPERATION

Control Unit Overview

Function Introduction



Figure 6: Detailed view of the endoscope's control unit, labeling the power indicator, WiFi indicator, photograph button, zoom in/out buttons, LED light intensity control, extra recessed lights, and Micro USB input port.

- **Power Button:** Press and hold to turn the device on/off.
- **Photograph Button (Orange):** Press to capture a still image.
- **Zoom Buttons (+/-):** Adjust the digital zoom level of the image.
- **LED Light Intensity Control:** Use the dedicated buttons to increase or decrease the brightness of the

camera's LED lights.

- **Extra Recessed Lights:** Activates additional lights on the main unit for general illumination.

Using Accessories

The endoscope comes with three useful accessories: a hook, a magnet, and a side mirror. To attach them, gently unscrew the protective ring from the camera head, then screw on the desired accessory.

- **Hook:** Useful for retrieving small objects from hard-to-reach places.
- **Magnet:** Ideal for picking up metallic items. Note that attaching the magnet may partially obstruct the camera's view.
- **Side Mirror:** Provides a side view, allowing inspection of areas perpendicular to the camera's direct line of sight.

Practical Applications

The DEPSTECH Wireless Endoscope is versatile for various inspection needs:

- **Home Appliance Inspection:** Examine internal components of washing machines, dryers, or refrigerators.
- **Automotive Maintenance:** Inspect engine parts, spark plug holes, or other confined areas in vehicles.
- **Plumbing Inspection:** View inside pipes and drains to identify clogs or damage.

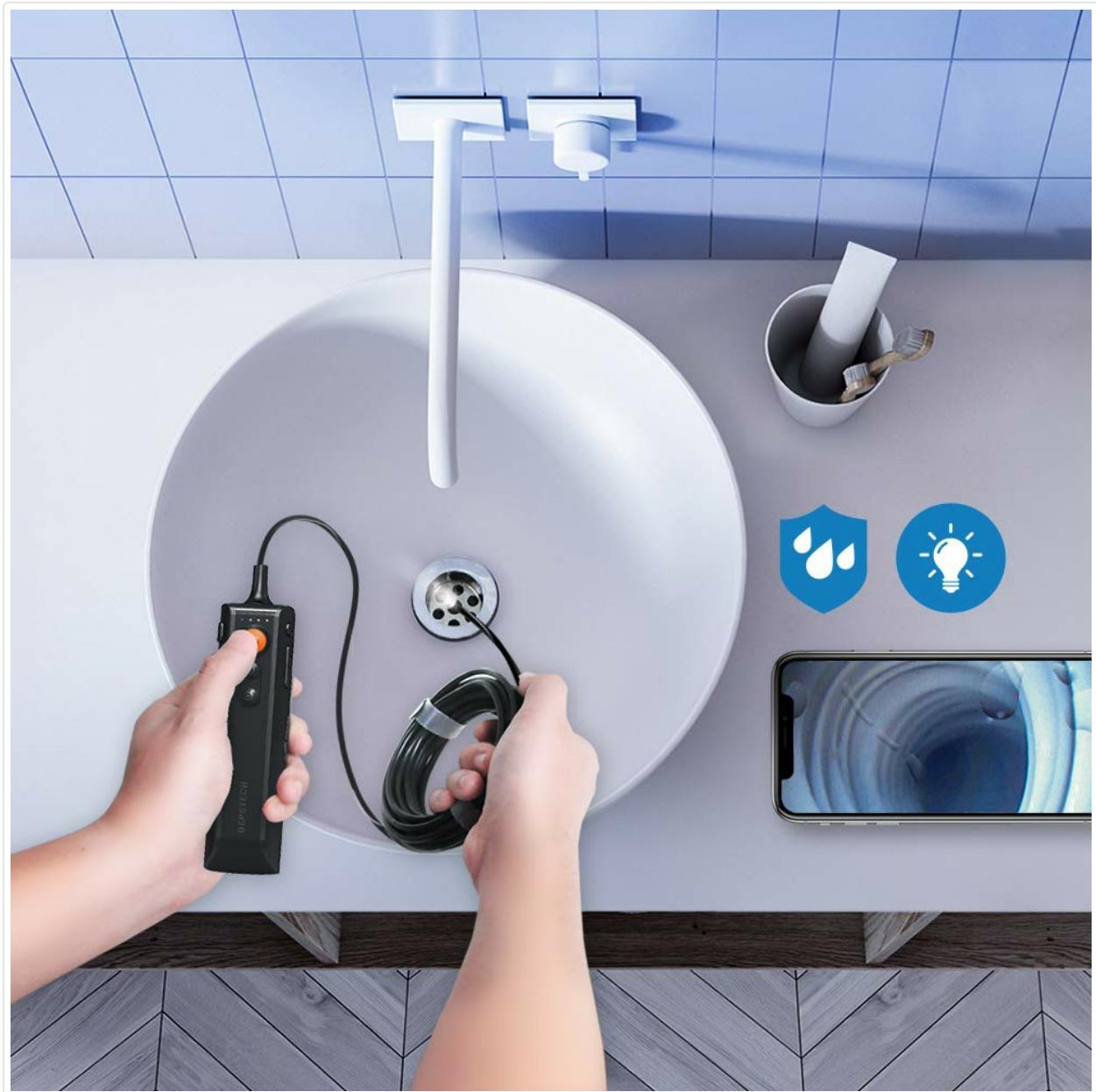


Figure 7: An example of the endoscope being used to inspect a sink drain, demonstrating its utility in plumbing applications.

- **Wall and HVAC Inspection:** Explore inside walls for wiring, insulation, or pest issues, and inspect air conditioning ducts.

Multifunction



Home Appliance Repairs & Inspection



Car/Auto Maintenance



Wall Inspection



Air-conditioning Inspection

Figure 8: Various applications of the endoscope, including home appliance repair, car maintenance, wall inspection, and air-conditioning inspection.

Official Product Video

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Video 1: Official DEPSTECH product video demonstrating the features and various uses of the WF060 Wireless Endoscope, including its quickshot zoom function, Bluart 2.0 for brightness control, long-life battery, and attachments for tackling inconvenient issues.

MAINTENANCE

- **Cleaning:** After each use, wipe the camera lens and cable with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, ensuring no liquid enters the main unit.
- **Storage:** Store the endoscope in a cool, dry place, away from direct sunlight and extreme temperatures. Coil

the cable loosely to prevent damage.

- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; device not powered on; Wi-Fi signal interference.	Ensure correct password. Turn the endoscope off and on again. Move closer to the endoscope.
No image displayed in the app.	App not open; incorrect Wi-Fi connection; camera lens obstructed.	Open the DEPSTECH-View app. Verify connection to "DEPSTECH_XXXX" Wi-Fi. Check for debris on the lens.
Image is blurry.	Subject too close/far; dirty lens.	Adjust distance to subject within the 2.76-15.7 inch focal range. Clean the camera lens.
LED lights are dim or off.	Low battery; light intensity set too low.	Recharge the endoscope. Increase LED light intensity using the control buttons.

SPECIFICATIONS

- **Model:** WF060
- **Camera Resolution:** 5.0 Megapixels (1944P)
- **Focal Range:** 2.76 - 15.7 inches (7cm - 40cm)
- **Probe Diameter:** 8.5mm
- **Waterproof Rating:** IP67 (Camera Probe)
- **Battery Capacity:** 3350 mAh
- **Working Time:** 4-5 hours
- **Connectivity:** Wi-Fi
- **Compatibility:** Android & iOS Smart Phones/Tablets
- **Color:** Black

WARRANTY & SUPPORT

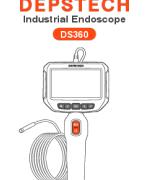
DEPSTECH provides a warranty for this product. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official DEPSTECH website. If you encounter any issues or require technical assistance, please contact DEPSTECH customer service through their official channels. Contact

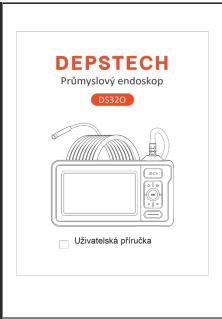
information can typically be found on the product packaging or their website.

DEPSTECH is committed to providing reliable customer service and support for all its products.

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Related Documents - WF060

 Multi-Language User Manual	<p>DEPSTECH WF010 FHD Inspection Camera User Manual Comprehensive user manual for the DEPSTECH WF010 FHD Inspection Camera, covering product structure, app downloading and connection, device operation, app features, charging guide, accessory installation, technical parameters, frequently asked questions, and safety information.</p>
 User Manual	<p>DEPSTECH DS360 Industrial Endoscope User Manual User manual for the DEPSTECH DS360 Industrial Endoscope, detailing product features, introduction, UI, language settings, photo/video operations, lens switching, TF card formatting, data transfer, charging, and specifications.</p>
 Operation Guidance	<p>DEPSTECH DS350DL Dual Lens Endoscope Operation Guide Comprehensive guide to operating the DEPSTECH DS350DL Dual Lens Endoscope, covering photo/video capture, viewing, deletion, screen rotation, lens switching, TF card formatting, and file transfer.</p>
 User Manual	<p>DEPSTECH Dual Lens Inspection Camera User Manual - Features & Operation Detailed user manual for the DEPSTECH Dual Lens Inspection Camera, featuring a 5-inch IPS screen, 7.9mm HD borescope, LED lights, 32GB storage, and a 5000mAh battery. Learn about its operation, features, and specifications for various inspection tasks.</p>

	<p>DEPSTECH DS320 Industrial Endoscope User Manual</p> <p>Comprehensive user manual for the DEPSTECH DS320 industrial endoscope, covering features, operation, specifications, and troubleshooting. Learn how to use your high-performance inspection camera.</p>
<p>86T USB Borescope Troubleshooting Steps</p> <p>Common Problems</p> <ol style="list-style-type: none"> 1. The USB borescope does not show images after connecting to a smartphone. <p>Check whether the device is “Trusted device”. It is recommended for the Android phone. On the Android phone, go to “Settings” → “Security” → “Trusted devices”. If the endoscope failed to get access to become the trusted image, it may cause by the UAC (User Account Control) of the Android phone. Please turn off the UAC of the Android phone.</p> <ol style="list-style-type: none"> 2. Using of the wrong connection cable. <p>Please refer to the difference of phone type. As we connect the USB on Android. Please refer to the difference of phone type. As we connect the USB on smartphone. Please refer to the difference of phone type. As we connect the USB on Mac OS.</p> <ol style="list-style-type: none"> 3. Adjust the product correctly and make sure the light functions normally. <p>Turn on the light and check if the light is working normally.</p> <ol style="list-style-type: none"> 4. Plug and unplug the product several times to see if the product can produce pictures. <p>The USB borescope does not show pictures after connecting to a Windows (Windows 10, Mac OS X or App “Phonehub”).</p> <ol style="list-style-type: none"> 1. Turn on the USB OTG adapter. <p>Connect the OTG adapter to the computer port and try to connect the OTG adapter to the phone.</p> <ol style="list-style-type: none"> 2. Adjust the product correctly and make sure the light functions normally. <p>Turn on the light and check if the light is working normally.</p> <ol style="list-style-type: none"> 3. The USB borescope is not compatible with iOS Phone, PC. <p>Please refer to the difference of phone type. As we connect the USB on iPhone and PC. It does not support the use of adapters to connect to other phones. It also does not support iPhone with iOS 12 or higher built-in iPhone.</p> <p>... 86T Borescope troubleshooting guide for a series of common issues</p>	<p>86T USB Borescope Troubleshooting Steps DEPSTECH</p> <p>Troubleshooting guide for the DEPSTECH 86T USB Borescope. Resolve issues like no image display on Android, Windows, or Mac OS, and device connectivity problems. Includes compatibility notes and support contact.</p>