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DEPSTECH B06XS8MYVL

DEPSTECH WiFi Endoscope Instruction Manual

Model: B06XS8MYVL

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1. INTRODUCTION

Thank you for purchasing the DEPSTECH WiFi Endoscope. This device is designed for visual inspection in hard-to-reach areas, offering high-definition imaging capabilities via a wireless connection to your smartphone or tablet. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your device.

2. SAFETY INFORMATION

Please observe the following safety precautions:

- Do not use this device for medical purposes or personal examination.
- Keep the device away from children.
- Do not expose the device to extreme temperatures or corrosive liquids.
- Ensure the camera probe is clean and dry before and after each use, especially if used in wet environments. The camera probe is water repellent, but the main control unit is not.
- Avoid disassembling the device, as this will void the warranty and may cause damage.
- Use only the provided charging cable or a certified equivalent.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- DEPSTECH WiFi Endoscope (Control Unit with Camera Cable)
- USB Charging Cable
- Accessory Set (Hook, Magnet, Mirror)

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your DEPSTECH WiFi Endoscope.



Image: Diagram of the DEPSTECH WiFi Endoscope control unit, showing Micro-USB Charging port, Power ON/OFF switch, LED Brightness Controller, Power LED indicator, and WiFi LED indicator. Dimensions are also indicated: 90mm length, 43mm width, and 22mm for the car charger adapter.

1. **Power ON/OFF Switch:** Toggles the device on or off.
2. **LED Brightness Controller:** Adjusts the intensity of the camera's LED lights.
3. **Micro-USB Charging Port:** For charging the internal battery.
4. **Power LED Indicator:** Shows the power status.
5. **WiFi LED Indicator:** Shows the WiFi connection status.

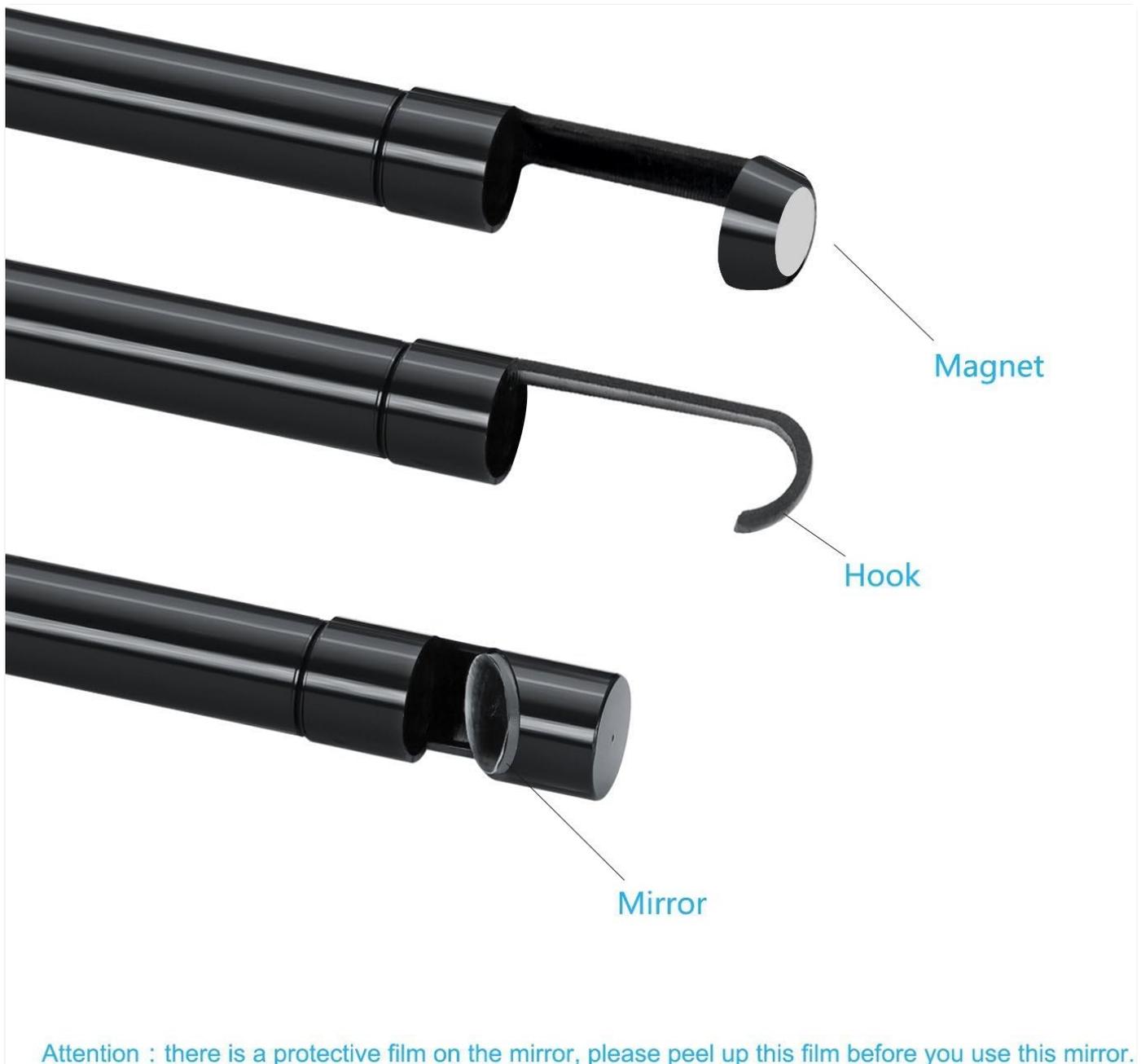


Image: Close-up view of the endoscope camera attachments: Magnet, Hook, and Mirror. A note advises to peel off the protective film from the mirror before use.

- **Magnet:** Useful for retrieving small metallic objects from inaccessible areas.
- **Hook:** Can be used to retrieve small non-metallic items or to maneuver objects.
- **Mirror:** Provides a side view, allowing inspection of areas at a 90-degree angle to the camera. Remember to remove the protective film before use.

5. SETUP GUIDE

5.1. Charging the Device

Before first use, fully charge the endoscope's control unit. Connect the provided USB charging cable to the Micro-USB port (3) on the control unit and to a standard USB power adapter (not included) or computer USB port. The Power LED indicator (4) will show charging status.

High Capacity Lithium Battery

Adopts high capacity and high performance battery core to bring you a long lasting using time up to 3-4h.



3-4h
Working Time

1800mAh
Battery Capacity

Image: Internal view of the DEPSTECH endoscope control unit showing the high-capacity lithium battery. The image indicates 3-4 hours of working time and an 1800mAh battery capacity.

5.2. Downloading the App

Search for and download the "DEPSTECH-View" or "DEPSTECH" app from the Apple App Store (for iOS devices) or Google Play Store (for Android devices). Alternatively, scan the QR code provided in the quick start guide or on the product packaging.

5.3. Connecting via Wi-Fi

1. Turn on the DEPSTECH WiFi Endoscope by sliding the Power ON/OFF switch (1) to the "ON" position. The Power LED indicator (4) will light up.
2. Wait for the WiFi LED indicator (5) to start blinking, indicating the device is broadcasting its Wi-Fi signal.
3. On your smartphone or tablet, go to your Wi-Fi settings.
4. Locate and select the Wi-Fi network named "DEPSTECH_XXXX" (where XXXX is a series of characters).

5. Enter the default password, usually "12345678".
6. Once connected, open the "DEPSTECH-View" app. The live video feed from the endoscope camera should appear.
7. *Note:* If your phone automatically switches to cellular data because the endoscope's Wi-Fi does not provide internet, you may need to temporarily disable cellular data in your phone's settings to maintain the connection to the endoscope.

6. OPERATING INSTRUCTIONS

6.1. Adjusting LED Brightness

Use the LED Brightness Controller (2) on the control unit to adjust the intensity of the LED lights around the camera lens. This helps illuminate dark inspection areas and can improve image clarity by reducing glare.

 **Blue LED Technology**

The camera equipped with 6 circled blue tempered light leds that can greatly reduce image over-exposure, exhibits outstanding color temperature when using in dark environment.





DEPSTECH



White Light

Image: Illustration of the endoscope camera head with 6 circled blue tempered LED lights. The image compares the effect of DEPSTECH's blue LED technology versus standard white light, showing reduced image over-exposure and improved color temperature in dark environments.

6.2. Using Attachments

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

6.3. Capturing Images and Videos

Within the "DEPSTECH-View" app, you will find buttons to capture still images and record videos. These files will be saved directly to your connected smartphone or tablet's gallery.

6.4. Optimal Viewing Distance

The endoscope camera has a fixed focus. For the clearest images, position the camera approximately 1.2 to 3.9 inches (3 to 10 cm) from the object you are inspecting. Objects outside this range may appear blurry.

2nd Gen Chip

Faster Capture, Clearer & Closer World

The diagram features a central image of a microchip with a yellow dot on its surface. A large teal arc on the right side of the chip is labeled "The second generation" and "30fps — UP TO 200% FASTER". A white arc on the left side is labeled "The first generation" and "10fps". A legend at the bottom right shows a white square for "The first-generation chip" and a teal square for "The second-generation chip".

The new chips break through the image freeze bottleneck, since the frame rate from the processor achieves 30 fps, improving the rate by 200%, compared to the older generation.

Image: Diagram illustrating the performance of the 2nd generation chip, showing an improvement from 10fps (first generation) to 30fps (second generation), indicating up to 200% faster capture for clearer and closer views.

6.5. Applicable Scenarios

The DEPSTECH WiFi Endoscope is suitable for various inspection tasks, including:

- Automotive inspection (engine, exhaust, chassis)
- Plumbing inspection (pipes, drains)
- HVAC inspection (ducts, vents)
- Home inspection (walls, ceilings, behind appliances)

Applicable scenarios



Image: Four panels showing different application scenarios for the endoscope: inspecting under a car, checking inside a wall, examining plumbing under a sink, and looking behind a washing machine.

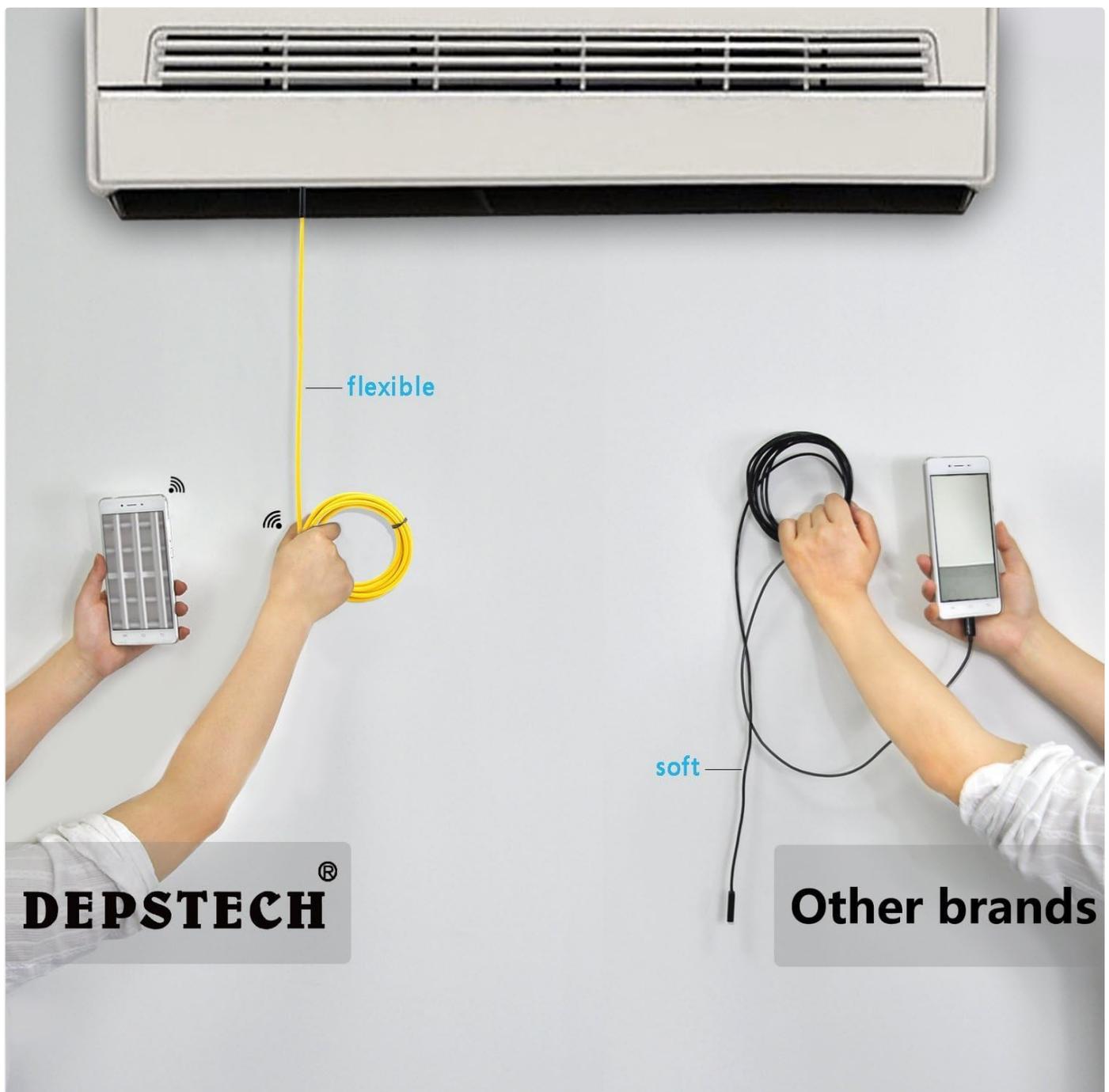


Image: Comparison illustrating the semi-rigid cable of the DEPSTECH endoscope (yellow, labeled "flexible") versus a soft cable from "Other brands" (black, labeled "soft"). This highlights the improved maneuverability of the DEPSTECH cable.

7. MAINTENANCE

- **Cleaning the Camera Lens:** Gently wipe the camera lens with a soft, dry cloth. For stubborn dirt, use a small amount of lens cleaner on the cloth. Do not use abrasive materials or harsh chemicals.
- **Cleaning the Cable:** The semi-rigid cable can be wiped clean with a damp cloth. Ensure it is completely dry before storage.
- **Storage:** Store the endoscope and its accessories in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent damage.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the device to approximately 50% every three months.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on app / Wi-Fi connection fails.	<ul style="list-style-type: none"> • Endoscope not powered on. • Incorrect Wi-Fi network selected. • Incorrect Wi-Fi password. • Phone automatically switched to cellular data. • App not launched or permissions denied. 	<ul style="list-style-type: none"> • Ensure the endoscope is turned on and the WiFi LED is blinking. • Connect to the "DEPSTECH_XXXX" network. • Verify the password "12345678". • Temporarily disable cellular data on your phone. • Restart the app and grant necessary permissions.
Image is blurry.	<ul style="list-style-type: none"> • Object too close or too far from the camera. • Camera lens is dirty. • Insufficient lighting. 	<ul style="list-style-type: none"> • Adjust the distance to the object (optimal 1.2-3.9 inches). • Clean the camera lens. • Increase LED brightness using the controller.
Device won't charge or turn on.	<ul style="list-style-type: none"> • Battery fully discharged. • Faulty charging cable or adapter. 	<ul style="list-style-type: none"> • Connect to a known working USB power source and allow time to charge. • Try a different USB charging cable and adapter.
App crashes or freezes.	<ul style="list-style-type: none"> • App software issue. • Device memory full. 	<ul style="list-style-type: none"> • Close and restart the app. • Ensure your smartphone has sufficient free memory. • Check for app updates in your app store.

9. SPECIFICATIONS

Feature	Detail
Brand	DEPSTECH
Model	B06XS8MYVL
Connectivity Technology	Wi-Fi
Video Capture Resolution	1080p
Sensor Type	CMOS
Focus Type	Fixed Focus
Optimal Focus Distance	1.2 - 3.9 inches (3 - 10 cm)

Feature	Detail
Water Resistance Level	Water Repellent (camera probe)
File Format (Image)	JPEG
File Format (Video)	MP4
Battery Capacity	1800mAh
Working Time	3-4 hours
Camera Flash	Built-In LED (adjustable brightness)
Cable Type	Semi-Rigid

10. WARRANTY & SUPPORT

DEPSTECH products come with a standard manufacturer's warranty. For detailed 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 have questions regarding your product, please contact DEPSTECH customer support:

- **Website:** www.depstech.com
- **Email:** Refer to the contact information on the official website or your product packaging.

Please have your model number (B06XS8MYVL) and purchase date ready when contacting support.

