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› **DEPSTECH** /

› **DEPSTECH 5.0MP Endoscope, 8.5mm Type-C USB Borescope,Waterproof Inspection Camera with 16.5ft Cable and 6 Adjustable LED Snake Camera for Android, Windows/MacBook OS**

DEPSTECH 86T-5MP

DEPSTECH 5.0MP USB Borescope Instruction Manual

Model: 86T-5MP

1. INTRODUCTION

This manual provides comprehensive instructions for the DEPSTECH 5.0MP USB Borescope, Model 86T-5MP. This device is a versatile inspection camera designed for examining hard-to-reach areas, offering high-resolution imaging and broad compatibility with various operating systems.
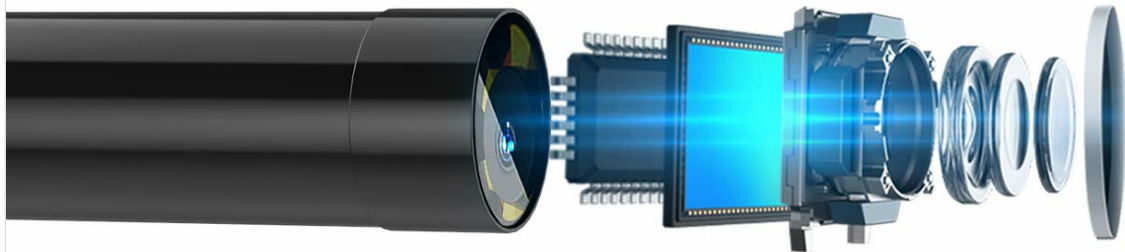
Figure 1: DEPSTECH 5.0MP USB Borescope connected to a smartphone, showing its compact design and connectivity.

2. KEY FEATURES

- **Ultra HD 5MP (2592*1944) Camera:** Equipped with a 0.33-inch ultra-thin probe for inspecting confined spaces. Captures 2592x1944P photos and smooth videos.

- **USB Connection, Easy Set-up:** Connects to Android smartphones, Windows computers, and MacBooks via Micro USB, USB, and Type-C adapters. Requires driver download for real-time image display.

- **Waterproof Probe & Semi-Rigid Cable:** The camera probe is waterproof, allowing for underwater inspections. The snake-shaped cable maintains its form for precise positioning in tight areas.

- **6 Brightness Adjustable LED:** Integrated LED lights provide illumination in dark environments, with adjustable brightness for optimal image capture.

- **Multifunctional Use:** Suitable for inspecting household appliances, electronic equipment, automotive issues, and retrieving dropped items in inaccessible locations.

Bluart 2.0

Exclusive camera with latest view sensor Bluart Tech 2.0, capture
the best image for you in dark or bright environment

Ours ▼   Others ▼

Figure 2: Bluart 2.0 technology enhances image clarity in various lighting conditions, as demonstrated by the comparison of images.

3. SETUP GUIDE

3.1. Compatibility

The DEPSTECH 5.0MP USB Borescope is compatible with:

- Android smartphones (Android 4.4+ with OTG & UVC function)
- Windows computers (Windows 7/8/10)
- MacBook OS

Note: This device is not compatible with iOS iPhones or iPads. It does not support the use of adapters to connect to other devices, nor does it support iPhones with Type-C interfaces (e.g., iPhone 15).

3.2. Software Installation

To use the borescope, you need to install the appropriate software:

1. **For Android Phones:**

   a. Verify that your device supports OTG and USB UVC.

   b. Check OTG settings and activate OTG in your phone's settings.

   c. For Android OS 5.0+, download "DEPSTECH-View" from the Google Play Store.

   d. For Android OS 10+, visit DEPSTECH's official website to install the updated version APP.

   e. Ensure camera and storage permissions are granted for USB OTG function.

2. **For Windows Computers:**

   a. Download the ad-free "DEPSTECH-View" from Microsoft's Store or DEPSTECH's official website.

   b. Alternatively, you can use the built-in "Camera" software from the Microsoft Application Store.

3. **For Mac OS Users:**

   a. Simply use the "PhotoBooth" application to capture images in real-time.

Wide Compatibility

Work with Type-C port and micro usb port Android 4.4+ smartphone with OTG & UVC function and USB port Macbook OS & Windows 7/8/10 computer
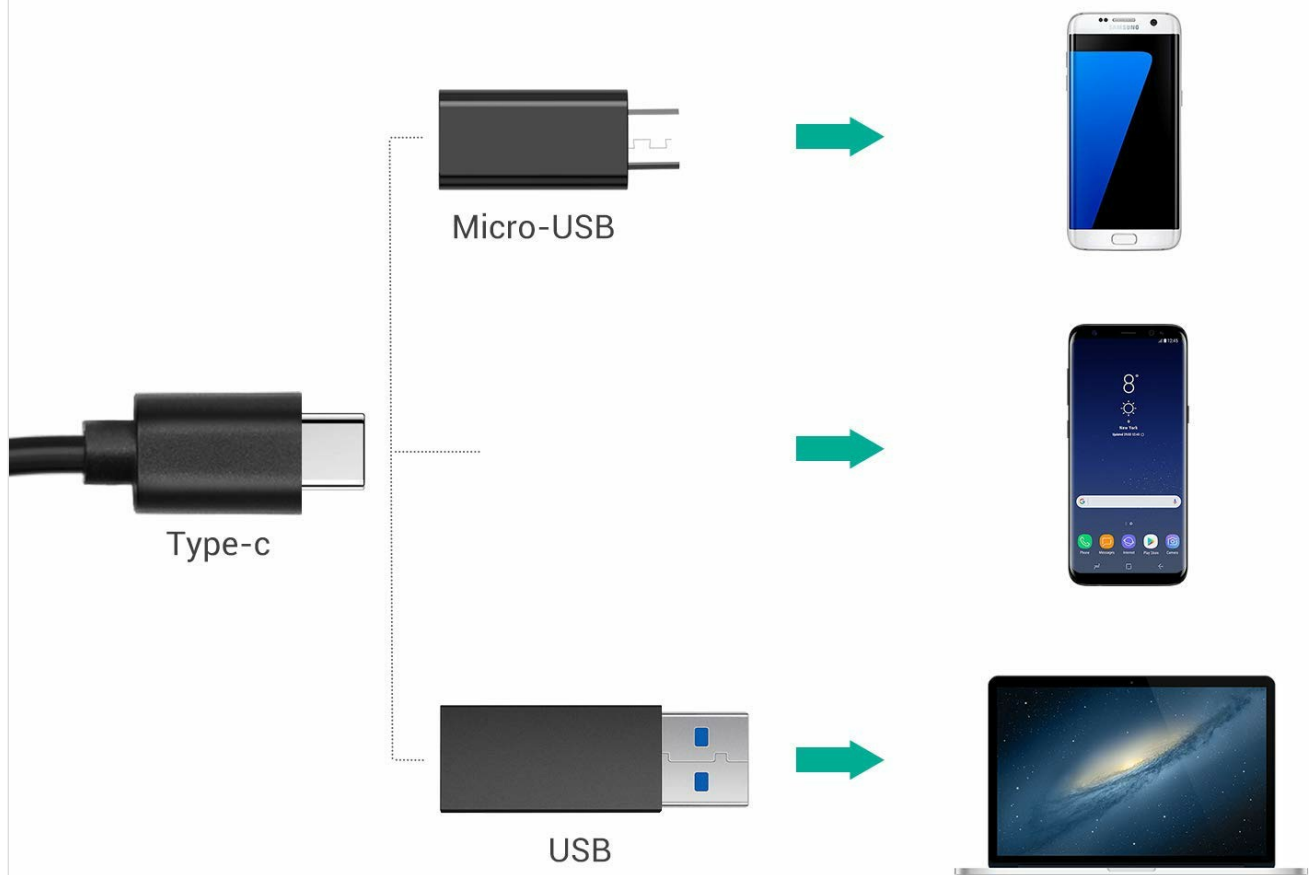
Micro-USB

Type-c

USB

Figure 3: The borescope offers wide compatibility with various USB ports, including Micro-USB, Type-C, and standard USB.

4. OPERATING INSTRUCTIONS

4.1. Connecting the Borescope

1. Ensure the required software (DEPSTECH-View, Camera, or PhotoBooth) is installed and running on your device.

2. Connect the borescope's USB connector to your smartphone, tablet, or computer. Use the appropriate adapter (Micro USB, Type-C, or standard USB) if necessary.

3. Once connected, the software should automatically detect the borescope and display the live feed.

Figure 4: The semi-rigid cable allows for precise positioning and maneuverability in tight spaces.

4.2. Adjusting LED Brightness

The borescope features 6 adjustable LED lights to illuminate dark inspection areas. Locate the dimming roller on the cable and rotate it to increase or decrease the brightness as needed for optimal visibility.
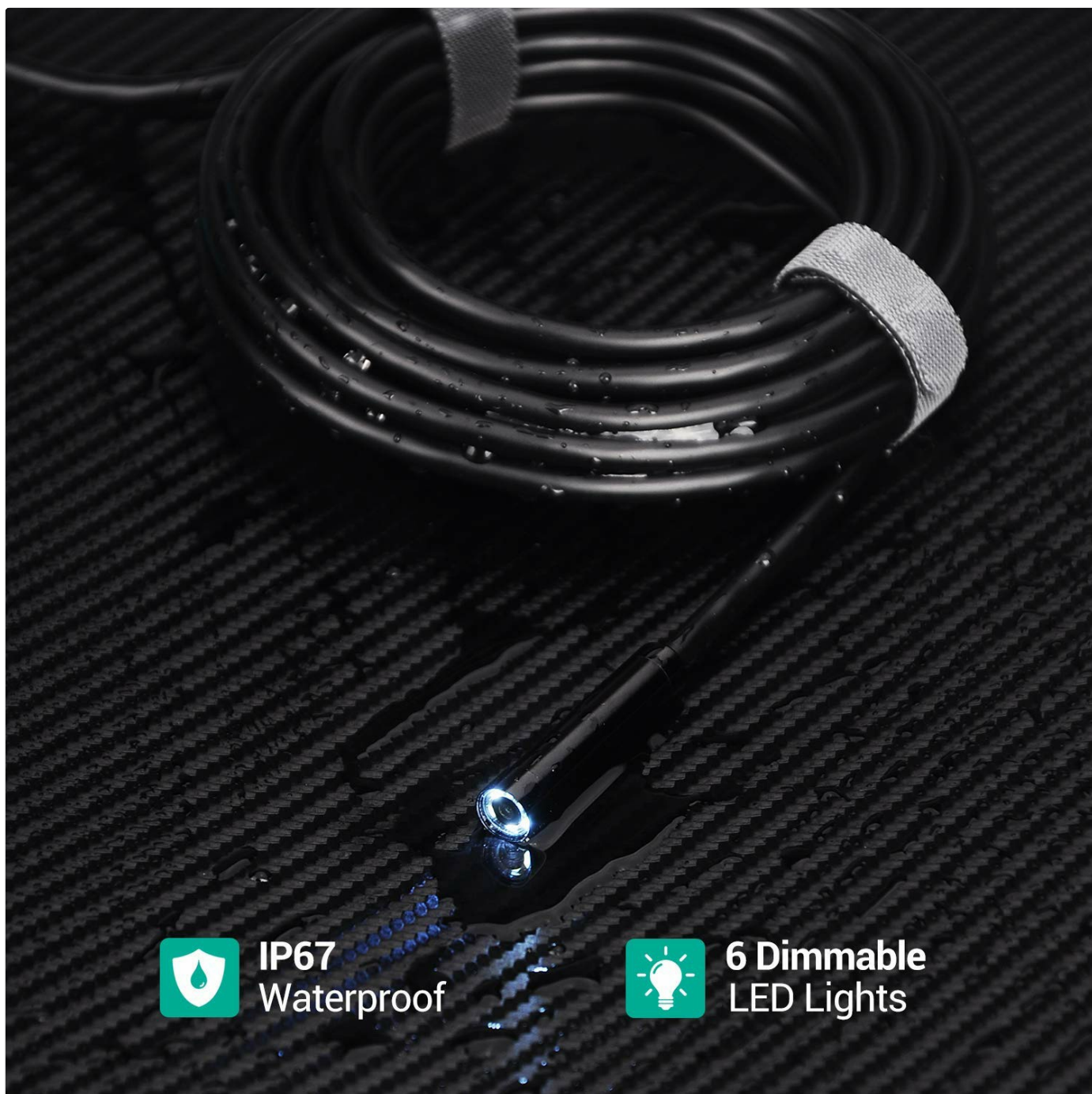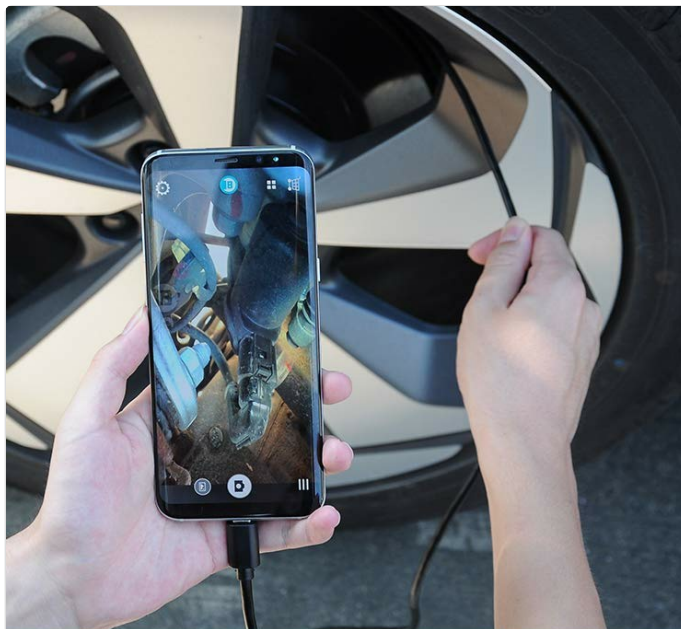
Figure 5: The borescope probe is IP67 waterproof and equipped with 6 dimmable LED lights for clear imaging in various conditions.

4.3. Capturing Images and Videos

Use the controls within the installed software to capture still images or record videos of your inspection. Refer to the software's specific instructions for detailed operation.

Figure 6: The DEPSTECH borescope is suitable for a wide range of applications, from automotive to home maintenance.

5. MAINTENANCE

- **Cleaning the Lens:** Gently wipe the camera lens with a soft, dry cloth to remove any dust or debris. For stubborn grime, use a lens cleaning solution applied to the cloth, not directly to the lens.

- **Storage:** Store the borescope in a cool, dry place away from direct sunlight and extreme temperatures. Coil the cable loosely to prevent kinks or damage.

- **Water Exposure:** While the probe is waterproof, ensure the USB connectors are dry before connecting to any device to prevent electrical damage.

6. TROUBLESHOOTING

6.1. No Picture Display on Android Phone

If the USB borescope does not show pictures after connecting to an Android phone:

1. Check whether the correct APP "Depstech-View" is downloaded on the Android phone.

2. Check whether the Android phone has OTG function and whether the function is turned on. If the endoscope failed to get access to capture the real-time image, it may be caused by the UVC protocol function of your Android phone being disabled. Please update the Android version or change the phone and try it again.

3. Unplug and plug again. Connect the USB endoscope to an Android phone with the USB connector.

4. Adjust the stepless dimming roller and check if the lens light brightens/dims normally.

5. Exit the APP, reopen the APP, and then connect to the product.

6. Plug and unplug the product several times to see if the product can produce pictures and making sure the port is connected normally to see if it can be used normally.

Your browser does not support the video tag.

Video 1: Troubleshooting steps for the 86T-5.0MP USB Borescope, specifically addressing issues with Android phone connectivity and image display. This video demonstrates checking app installation, OTG function, proper connection, LED brightness adjustment, and app restart procedures.

6.2. No Picture Display on Windows/Mac OS

If the USB borescope does not show pictures after connecting to a Windows User/MAC OS:

1. Check the correct APP for download: Windows User - APP "Depstech-View" or "Camera". MAC OS User - App "PhotoBooth".

2. Check whether the USB adapter is connected properly and try to reconnect it on the other side of the adapter.

3. Adjust the stepless dimming roller and check if the lens light brightens/dims normally.

4. Connect the USB borescope to the Windows User/MAC OS to see if the image can be generated.

6.3. LED Light Not Lighting Up

If the LED light does not light up, it means that the product has been disconnected. Please re-plug it to see if it is normal.

6.4. LED Light On, But Brightness Cannot Be Adjusted

If the LED light is on and the brightness can be adjusted, please exit the APP and reset the product.

7. SPECIFICATIONS

Attribute	Detail
Model Number	86T-5MP
Camera Resolution	5.0MP (2592*1944P)
Probe Diameter	8.5mm (0.33 inches)
Cable Length	16.5ft
LED Lights	6 Adjustable LEDs
Water Resistance	IP67 Waterproof
Connectivity	Type-C, Micro USB, Standard USB
Compatible OS	Android (4.4+), Windows (7/8/10), MacBook OS
Color	Dark Black

Manufacturer	DEPSTECH
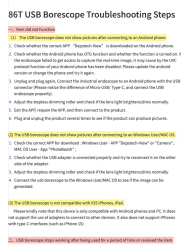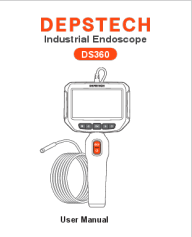
8. SUPPORT & WARRANTY

For any questions or further assistance, please feel free to contact DEPSTECH's after-sales support via email: support@depstech.com.

DEPSTECH is committed to providing 24-hour worry-free professional service and a 100% satisfactory shopping experience.

Related Documents - 86T-5MP

[86T USB Borescope Troubleshooting Steps | DEPSTECH](#)
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.

[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.

[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.

[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.

DEPSTECH Priemyselný endoskop DS320 Viacjazyčná používateľská príručka	[DEPSTECH DS320 Industrial Endoscope User Manual](#) Comprehensive user manual for the DEPSTECH DS320 Industrial Endoscope, detailing product features, operation, safety guidelines, specifications, and compliance information. Learn how to use the device for inspection tasks.
DEPSTECH Industrial Endoscope DS500 User Manual	[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.