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TECHNOVIEW TV-Endoscope Mini HD

TECHNOVIEW TV-Endoscope Mini HD Camera User Manual

Model: TV-Endoscope Mini HD

1. Introduction

The TECHNOVIEW TV-Endoscope Mini HD Camera is a versatile inspection tool designed for exploring hard-to-reach areas. Featuring a 7mm waterproof lens and 6 adjustable LED lights, it provides clear visuals in various environments, including dark or wet conditions. This endoscope is compatible with Android, Type-C, and PC devices, allowing for convenient viewing and recording of inspections.

2. What's in the Box

- 1 x TECHNOVIEW TV-Endoscope Mini HD Camera (7mm lens, 5M cable)
- 1 x User Manual
- Accessories: Hook, Magnet, Side Audition Mirror (as shown in images)



Figure 2.1: Included accessories for enhanced inspection capabilities.

3. Setup Instructions

3.1. Software Installation

For Android devices running Android 10 or higher, download one of the following applications from the official Google Play Store:

- USB Camera
- MScope
- AN98
- OTG View (special version for Android 10)

For PC users, specific software may be required. Refer to the manufacturer's website or the included user manual for PC software download and installation instructions.

3.2. Connecting the Endoscope

The endoscope features a multi-interface USB connector compatible with standard USB, Micro USB, and Type-C ports.

1. Ensure the chosen application is installed and ready on your device.
2. Connect the endoscope's USB connector to the appropriate port on your Android device (via OTG adapter if necessary) or PC.
3. The application should automatically detect the endoscope and display the live feed. If not, open the application manually and select the endoscope as the camera source.



Figure 3.1: The endoscope connected to a smartphone, ready for inspection.



Figure 3.2: The versatile USB connector supports multiple device types.

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Video 3.1: A brief overview of the TECHNOVIEW Endoscope, demonstrating its components and connectivity.

4. Operating Instructions

4.1. Adjusting LED Lights

The endoscope features 6 adjustable LED lights around the camera lens. A control box on the cable allows you to adjust the brightness to suit different lighting conditions, ensuring a clear image even in dark environments.



Figure 4.1: The camera head with adjustable LED lights for optimal illumination.

4.2. Capturing Photos and Videos

Once connected and the live feed is visible, use the controls within your chosen application to capture still images or record videos. The endoscope supports both photo and video shooting modes.

4.3. Maneuvering the Cable

The 5-meter semi-rigid cable allows for flexible maneuvering into tight spaces. You can rotate the camera 360 degrees to achieve the desired viewing angle. Attachments like the hook and magnet can be used to retrieve small objects or view around corners with the side mirror.



Figure 4.2: Examples of the endoscope in practical inspection scenarios.



Figure 4.3: The IP67 waterproof design allows for underwater inspections.

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Video 4.1: Demonstration of the endoscope's waterproof feature and adjustable LED lights for clear imaging.

5. Maintenance

- **Cleaning the Lens:** After each use, especially in dirty or wet environments, gently wipe the camera lens with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. 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.
- **Water Exposure:** While the camera head is waterproof (IP67 rated), ensure the USB connector and control box are kept dry to prevent damage.

6. Troubleshooting

Problem	Possible Cause	Solution
No image on screen	Incorrect app, loose connection, device not OTG compatible (for Android)	Ensure correct app is installed. Reconnect the endoscope firmly. Verify your Android device supports OTG functionality. Try a different USB port or device.
Image is dark or unclear	Insufficient LED brightness, dirty lens	Adjust the LED brightness using the control box. Clean the camera lens gently.
Cannot capture photos/videos	App permissions, insufficient storage	Check if the app has necessary permissions (camera, storage). Ensure your device has enough free storage space.
Endoscope not recognized by PC	Missing drivers, incompatible software	Install the recommended PC software and drivers. Try a different USB port.

7. Specifications

Feature	Detail
Brand	TECHNOVIEW
Model	TV-Endoscope Mini HD
Lens Diameter	7 mm
Cable Length	5 Meters (Semi-rigid)
LED Lights	6 Adjustable LEDs
Waterproof Rating	IP67
Hardware Interface	USB (compatible with Micro USB, Type-C)
Resolution	480p (Video Capture Resolution: 720p)
Viewing Angle	60 degrees
Power Source	DC 5 Volts (USB Powered)
Material	Plastic
Item Weight	25 g
Country of Origin	China

8. Support

For technical assistance or product inquiries, please contact TECHNOVIEW support.



Figure 8.1: TECHNOVIEW Technical Support Number for WhatsApp inquiries.

Technical Support Number: 98106 01293 (WhatsApp only)

- This number is available on WhatsApp only.
- Please drop your query/message on WhatsApp.
- Please contact only after purchasing the product.

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

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