



[Manuals.plus](#) /

› [SEAFRONT](#) /

› SEAFRONT 3-in-1 USB Type-C Endoscope Camera User Manual

SEAFRONT SEAFRONTubhni8e7ag

SEAFRONT 3-in-1 USB Type-C Endoscope Camera User Manual

Model: SEAFRONTubhni8e7ag

1. PRODUCT OVERVIEW

The SEAFRONT 3-in-1 Endoscope Camera is a versatile inspection tool designed for examining hard-to-reach areas. It features a 5.5mm diameter lens, a 5-meter rigid cable, and adjustable LED lighting for clear visibility in dark or confined spaces. This endoscope is compatible with Android smartphones (with OTG support) and Windows PCs, offering flexible connectivity options via Micro USB, standard USB, and USB Type-C adapters.



Image: The endoscope camera connected to a smartphone, illustrating its use for detailed inspections.

Its waterproof design allows for inspections in wet environments, such as pipes or drains. The compact and lightweight design ensures portability for various applications, from automotive diagnostics to home maintenance.

2. PACKAGE CONTENTS

- SEAFRONT 3-in-1 Endoscope Camera (5.5mm lens, 5-meter rigid cable)
- USB Adapter
- USB Type-C Adapter
- User Manual (this document)
- Accessory Kit (includes mirror, hook, and magnet attachments)



Image: Endoscope camera head with various attachments for enhanced functionality.

3. SETUP INSTRUCTIONS

3.1 Connecting to an Android Smartphone

1. **Verify OTG Support:** Ensure your Android smartphone supports OTG (On-The-Go) functionality. You can check this in your phone's settings or by using a third-party USB OTG Checker application.
2. **Download Application:** Search for and download a compatible endoscope camera application from the Google Play Store. Recommended applications often include names like "USB Camera," "OTG View," or similar.
3. **Connect Endoscope:** Attach the appropriate adapter (Micro USB or USB Type-C) to the endoscope cable. Plug the endoscope into your smartphone's charging port.
4. **Launch Application:** Open the downloaded endoscope application. The camera feed should appear automatically. If not, check the app settings for camera selection.

3.2 Connecting to a Windows PC

1. **Connect Endoscope:** Use the standard USB adapter to connect the endoscope to an available USB port on your Windows PC.
2. **Install Driver (if necessary):** In most cases, Windows will automatically install the necessary drivers. If the device is not recognized, you may need to manually install a driver. Refer to the product's support page or contact customer service for driver downloads.
3. **Open Camera Application:** Use the built-in "Camera" application in Windows or a third-party webcam software. Select the endoscope camera from the list of available cameras.



Image: The versatile 3-in-1 connector for Micro USB, standard USB, and USB Type-C devices.

4. OPERATING INSTRUCTIONS

4.1 Adjusting LED Lights

The endoscope features integrated LED lights to illuminate inspection areas. A control wheel or button on the cable allows you to adjust the brightness of these LEDs. Rotate the wheel or press the button to achieve optimal lighting for your inspection.



Image: The endoscope camera head demonstrating adjustable LED light intensity.

4.2 Capturing Images and Videos

Once the endoscope is connected and the application is running, you can capture still images or record videos directly through the application interface. Look for camera and video icons within the app to initiate these functions. Captured media will be saved to your device's gallery or a designated folder within the application.

4.3 Using Attachments

The accessory kit includes a mirror, hook, and magnet. These can be attached to the endoscope camera head to assist with various inspection tasks:

- **Mirror:** Provides a side view for inspecting corners or areas not directly in front of the camera.
- **Hook:** Useful for retrieving small objects from confined spaces.

- **Magnet:** Helps in picking up small metallic items.

To attach, carefully slide the desired accessory onto the camera head until it is securely in place.

5. MAINTENANCE

- **Cleaning the Lens:** After use, gently wipe the camera lens with a soft, dry cloth to remove any debris or moisture. For stubborn dirt, a slightly damp cloth can be used, followed by drying.
- **Storage:** Store the endoscope in a clean, dry place, away from extreme temperatures and direct sunlight. Coil the cable loosely to prevent damage.
- **Water Resistance:** The camera head is waterproof. However, ensure all connections (USB ports) are dry before connecting to devices. Do not submerge the USB connectors.



Image: The endoscope camera head submerged in water, highlighting its waterproof feature.

6. TROUBLESHOOTING

- **No Image on Screen:**
 - Ensure the endoscope is securely connected to your device.
 - For Android, verify OTG support and that the application is correctly installed and running. Try a different

compatible application.

- For PC, check if drivers are installed. Try a different USB port.
- Restart your device and the application.

- **Poor Image Quality:**

- Adjust the LED light brightness using the control wheel on the cable.
- Clean the camera lens if it appears dirty or smudged.
- Ensure the camera is within its optimal macro focus range (approximately 5mm).

- **Device Not Recognizing Endoscope:**

- Confirm your Android device has OTG enabled.
- Try connecting to a different compatible device (another Android phone or PC) to rule out device-specific issues.
- Ensure you are using the correct adapter for your device's port.

7. SPECIFICATIONS

Item Model Number	SEAFRONTubhni8e7ag
Manufacturer	SEAFRONT
Connectivity Technology	USB
Compatible Devices	Android Smartphones (OTG compatible), Windows PCs
Lens Diameter	5.5 mm / 0.22 inches
Cable Length	5 meters / 16.4 feet
Video Recording Resolution	640 x 480P
Screen Capture Resolution	640 x 480P
Water Resistance Level	Waterproof (camera head)
Light Source	Adjustable LED Lights
Macro Focus Range	5 mm
Sensor Type	CMOS
Exposure Control Type	Automatic, Manual
Shooting Modes	Automatic, Manual
Color	Black
Package Dimensions	13 x 12.3 x 3.9 cm; 160 grams
Country of Origin	China



Lens Diameter: Approx. 5.5mm / 0.22in
Line Length: Approx. 5meter / 16.4ft

Image: Visual representation of the endoscope's lens diameter and cable length.

8. SAFETY INFORMATION

- Do not attempt to disassemble or modify the device. This may void the warranty and cause damage.
- Keep the device away from children.
- Avoid exposing the USB connectors to water or excessive moisture.
- Use only the provided adapters and accessories.
- Do not use the endoscope for medical purposes or internal human/animal examination.

