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## LIMINK 5x15m

# LIMINK Wireless Endoscope Camera 5x15m User Manual

Model: 5x15m

## 1. INTRODUCTION

This document provides comprehensive instructions for the LIMINK Wireless Endoscope Camera, Model 5x15m. This portable, multi-functional WiFi endoscope is designed for detailed visual inspection in various environments. It features a 5.0 MP camera with 1944p resolution, 6 adjustable LED lights, and 6x zoom capability. The camera offers an ultra-wide focal range of 6 to 30 cm. It supports image capture and video recording, and allows multiple users to connect simultaneously via its dedicated WiFi network. This device is suitable for inspection tasks in automotive, home appliance, plumbing, and sewer systems.

## 2. PRODUCT FEATURES

- Flexible 15.2m Semi-Rigid Cable:** The endoscope features an extended semi-rigid cable that can be bent and maintain its shape, facilitating inspection in narrow and long pipes. It is suitable for use as a sewer camera, plumbing camera, pipe camera, or chimney camera.
- 5.0 MP HD Video Inspection Camera:** Equipped with a 2nd generation COMS chip, this endoscope captures 5.0 MP images and smooth 1944p HD videos. It supports one-click photo capture and video recording, useful for industrial inspection, automotive repair, and household inspections.
- Ultra-Wide Focal Range and 6X Zoom:** The inspection camera offers a 6x magnification capability. Its focal length is adjustable from 6 cm to 30 cm, providing enhanced functionality and ease of use.
- Waterproof Endoscope with 6 LED Lights:** The camera lens and cable are rated IP67 waterproof, allowing operation in wet and dark environments. The 6 adjustable LED lights illuminate inspection areas. The device can operate underwater for 30 to 60 minutes.
- Additional Features:** Includes a hook, magnetic tip, and side mirror attachments for retrieving small objects and expanding the field of view. Features an 1800 mAh rechargeable battery providing over 4 hours of operation. Compatible with Android 2.3+ and iOS 6.0+ phones and tablets.



Figure 2.1: LIMINK Wireless Endoscope Camera, showing the control unit and coiled 15.2m cable with the camera head.



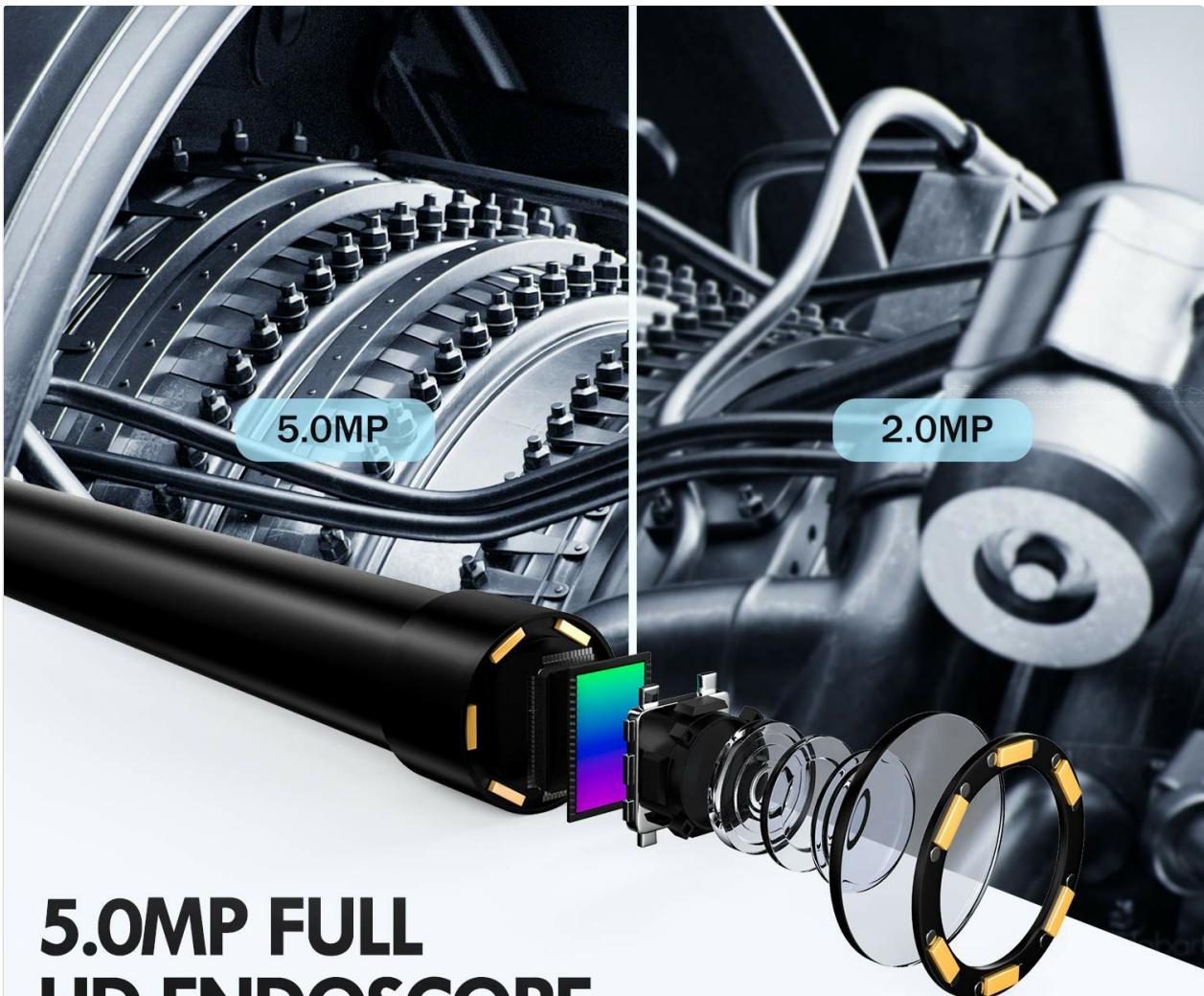
Figure 2.2: Examples of endoscope use by professionals such as mechanics, plumbers, electricians, and engineers.

# 50FT SEMI-RIGID SNAKE CABLE

The 50FT semi-rigid cable can bend and hold its shape, allowing it to reach further, deeper and tighter places.



Figure 2.3: Illustration of the 15.2m semi-rigid cable's flexibility and reach, extending into a wall for inspection.



## 5.0MP FULL HD ENDOSCOPE

1944P camera lens with latest view sensor, wider viewing angles, clearer picture quality, faults are nowhere to be seen.

Figure 2.4: Close-up of the endoscope camera head, highlighting its 5.0MP resolution capabilities compared to lower resolution models.



## 6X ZOOM & ULTRA-WIDE FOCAL LENGTH

With 6X zoom, the observation distance is not limited to 3-10 cm, but up to 30 cm, capturing the HD pictures for you.

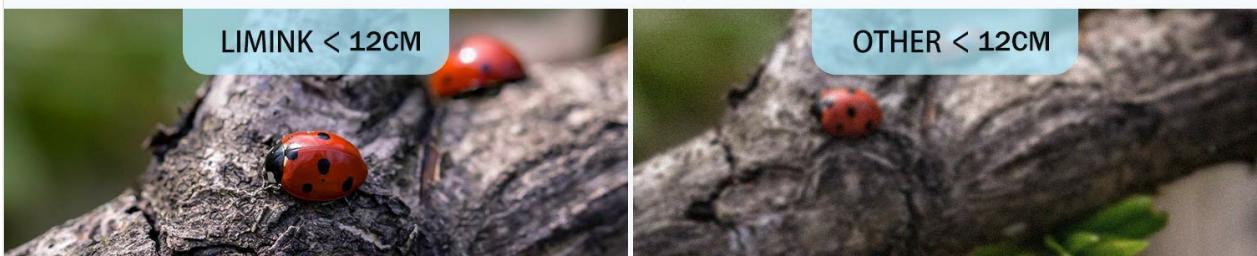


Figure 2.5: Visual representation of the 6X zoom function and the ultra-wide focal length, showing clear images at various distances.



## THE LENS & CABLE ARE IP67 WATERPROOF



Figure 2.6: The endoscope cable submerged in water, illustrating its IP67 waterproof rating, alongside a depiction of the 6 adjustable LED light settings.

### 3. SETUP INSTRUCTIONS

- 1. Charge the Device:** Before initial use, fully charge the endoscope's internal battery using the provided USB cable. The charging indicator light will change once charging is complete.
- 2. Download the Application:** Search for the dedicated endoscope application on your smartphone's or tablet's app store (e.g., App Store for iOS, Google Play Store for Android). Install the application.
- 3. Power On the Endoscope:** Press and hold the power button on the control unit until the indicator lights illuminate.
- 4. Connect via Wi-Fi:** On your smartphone or tablet, navigate to your Wi-Fi settings. Locate and connect to the Wi-Fi network broadcast by the endoscope (its SSID will typically start with 'LIMINK' or a similar identifier). No password is usually required for the initial connection.
- 5. Launch the Application:** Open the installed endoscope application. The camera feed from the endoscope should now be visible on your device's screen.

### 4. OPERATING INSTRUCTIONS

- 1. Adjust LED Brightness:** Use the dedicated button on the control unit to cycle through the 6 adjustable LED brightness levels. This helps illuminate dark inspection areas.
- 2. Navigate the Camera:** Carefully guide the semi-rigid cable and camera head into the area you wish to inspect. The cable's flexibility allows it to be shaped for optimal viewing angles.
- 3. Utilize Zoom Function:** Within the application, use the digital zoom feature (up to 6x) to magnify details on the screen.
- 4. Capture Images:** Press the camera button on the control unit or within the application to take a still photograph of the current view. Images will be saved to your connected device's gallery.
- 5. Record Videos:** Press the video recording button on the control unit or within the application to start recording. Press it again to stop. Videos will be saved to your connected device's gallery.
- 6. Use Attachments:** For specific tasks, screw on the hook, magnetic tip, or side mirror attachments to the camera head. The hook and magnetic tip are useful for retrieving small objects, while the side mirror provides an alternative viewing angle.

## 5. MAINTENANCE

- Cleaning:** After each use, especially in dirty or wet environments, gently wipe the camera lens and cable with a soft, damp cloth. Avoid abrasive cleaners.
- Drying:** Although the camera head and cable are IP67 waterproof, it is crucial to thoroughly dry them after use in wet conditions. Ensure no moisture remains inside the camera head or connectors to prevent long-term damage.
- Storage:** Store the endoscope in a cool, dry place, away from direct sunlight and extreme temperatures. Coil the cable neatly to prevent kinks or damage.
- Battery Care:** To prolong battery life, avoid fully discharging the device frequently. Charge the battery periodically if the device is not used for extended periods.

## 6. TROUBLESHOOTING

- No Power:** If the device does not power on, ensure the battery is fully charged. Connect the endoscope to a power source and allow it to charge for at least 2 hours.
- No Wi-Fi Connection:** Verify that the endoscope is powered on and its Wi-Fi indicator light is active. On your phone/tablet, ensure you are connected to the endoscope's specific Wi-Fi network and not your home network. If your phone automatically switches networks, manually reconnect to the endoscope's Wi-Fi.
- Poor Image Quality:** Adjust the LED brightness to suit the environment. Ensure the camera's focal distance is within the optimal range of 6-30 cm. Clean the camera lens if it appears smudged or dirty.
- Cannot Navigate Tight Spaces:** The semi-rigid cable is designed to hold its shape, but extremely tight bends or very small diameter pipes (e.g., less than 2 inches) may still pose a challenge. Consider using a guide wire or alternative methods for such situations.
- Application Not Displaying Feed:** Close and restart the application. Ensure your device's Wi-Fi is stably connected to the endoscope. Check for any available app updates.

## 7. SPECIFICATIONS

Feature	Detail
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Model Number	5x15m
Camera Resolution	5.0 MP (1944p video recording)
Cable Length	15.2 meters (50 feet)
Focal Range	6-30 cm
Zoom	6X Digital Zoom
LED Lights	6 adjustable LEDs
Water Resistance	IP67 (Lens and Cable)
Connectivity	Wi-Fi
Battery	1800 mAh Lithium-ion (included)
Compatibility	Android 2.3+ and iOS 6.0+
Package Dimensions	16.41 x 14.81 x 5.99 cm
Weight	748 grams
Manufacturer	Lemoge

## 8. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support contact details for the LIMINK Wireless Endoscope Camera is not available in this document. Please refer to the product packaging or the manufacturer's official website for the most current warranty information and support options.

### Related Documents - 5x15m

	<p><a href="#"><u>LIMINK 5.0MP WiFi Endoscope Camera User Manual - HD Inspection</u></a></p> <p>Comprehensive user manual for the LIMINK 5.0MP WiFi Endoscope Camera. Learn how to connect, use the Scope View app, and understand technical specifications for this waterproof inspection tool.</p>
	<p><a href="#"><u>LIMINK WiFi Endoscope Camera User Manual - Inspection &amp; Diagnostics</u></a></p> <p>User manual for the LIMINK WiFi Endoscope Camera (Model WF08). Provides detailed instructions on setup, operation, safety precautions, technical specifications, and FCC compliance for this inspection tool from Shenzhen Wenyu Industrial Co., Ltd.</p>
	<p><a href="#"><u>LIMINK S19 AXIS Triple Portable Monitor User Guide</u></a></p> <p>Comprehensive user guide for the LIMINK S19 AXIS Triple Portable Monitor, detailing setup, connection methods, display configuration, OSD settings, and technical specifications for extending laptop displays.</p>

 <p><b>USER MANUAL</b> Simplify Your Work Life</p>	<p><a href="#"><u>LIMINK SP12 Portable Triple Monitor User Manual</u></a></p> <p>User manual for the LIMINK SP12 Portable Triple Monitor, detailing safety information, product list, connection methods, display configuration for Windows and macOS, and troubleshooting FAQs.</p>
 <p><b>USER GUIDE</b> Simplify Your Work Life</p>	<p><a href="#"><u>LIMINK S20 Portable Tri-Screen for Laptop User Guide</u></a></p> <p>Comprehensive user guide for the LIMINK S20 Portable Tri-Screen for Laptop, detailing setup, connection methods, display configuration for Windows and Mac, OSD functions, and technical specifications. Enhance your laptop's productivity with this portable dual-screen extender.</p>
	<p><a href="#"><u>LIMINK S19 Portable Triple Monitor User Guide and Setup</u></a></p> <p>Comprehensive guide to setting up and connecting the LIMINK S19 portable triple monitor for laptops. Learn about USB-C and HDMI connections, and optimal screen positioning.</p>