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> [T TAKMLY 5.5mm Endoscope Inspection Camera User Manual](#)

T TAKMLY 5.5-HD

T TAKMLY 5.5mm Endoscope Inspection Camera User Manual

Model: 5.5-HD | Brand: T TAKMLY

PRODUCT OVERVIEW

The T TAKMLY 5.5mm Endoscope Inspection Camera is designed for detailed visual inspection in hard-to-reach areas. It features a high-resolution lens, adjustable LED lighting, and a semi-rigid waterproof cable for versatile applications.

Key Features:

- **2MP HD Resolution:** Equipped with a 1920x1440P high-resolution lens for clear and sharp images.
- **Adjustable LED Lights:** Built-in 8 LED lights illuminate the viewing area, with adjustable brightness for various environments.
- **Plug & Play Compatibility:** No Wi-Fi or Bluetooth needed. Compatible with iOS 9.0+ and Android 7.0+ smartphones (not compatible with computers).
- **16.4FT Semi-Rigid Cable:** A flexible, semi-rigid cable allows easy navigation through pipes, engines, and other confined spaces.
- **IP67 Waterproof:** Water and oil-resistant camera probe, capable of operating 3.28 feet (1m) underwater for up to 1 hour.

WHAT'S IN THE BOX

- 1x T TAKMLY 5.5mm Endoscope Inspection Camera
- 1x User Manual
- Accessories (hooks, magnet, mirror)

Wide compatibility of mobile phones

2 million pixels resolution / HD / Photo / Video



Image: The T TAKMLY 5.5mm Endoscope Inspection Camera with its included accessories.

SETUP

- 1. Download the App:** Search for and install a compatible endoscope application on your iOS (9.0+) or Android (7.0+) smartphone. Recommended apps are usually mentioned in the included user manual.
- 2. Connect the Endoscope:**
 - For USB-C compatible devices, directly plug the endoscope's USB-C connector into your smartphone.
 - For older Android devices with Micro-USB, use the provided USB-C to Micro-USB adapter.
 - For iPhones/iPads, use the provided USB-C to Lightning adapter.

3. **Launch the App:** Open the installed endoscope application. The camera feed should appear automatically.

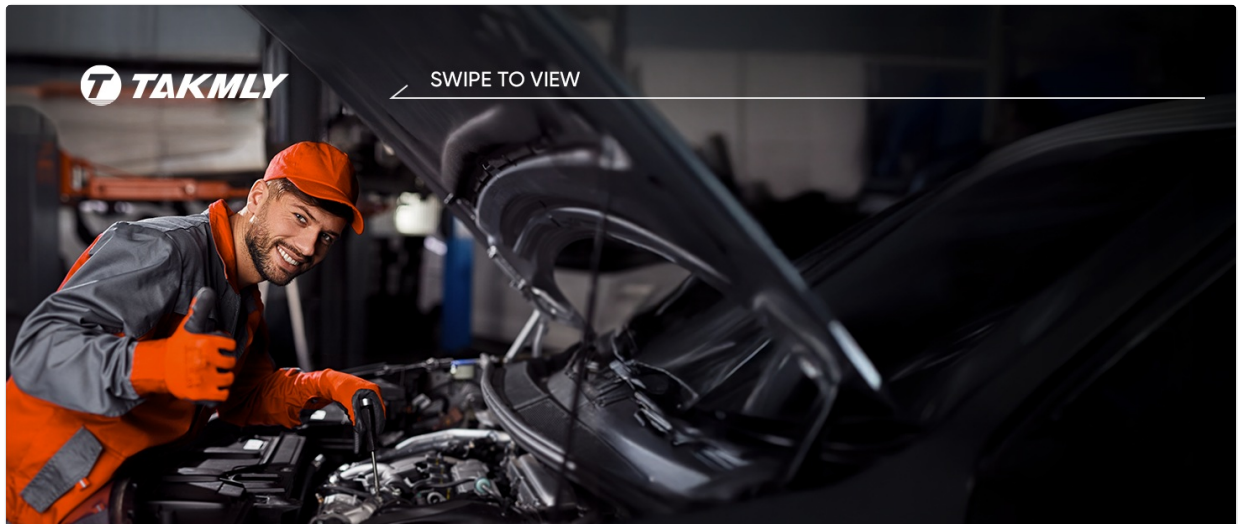


Image: The endoscope is compatible with various mobile phones and tablets, connecting via USB-C, Micro-USB, or Lightning adapters.

OPERATING INSTRUCTIONS

1. **Insert the Probe:** Carefully guide the 5.5mm semi-rigid camera probe into the area you wish to inspect. The flexible cable allows for easy maneuvering around bends and obstacles.
2. **Adjust LED Lighting:** Use the control wheel on the cable to adjust the brightness of the 8 LED lights. This ensures optimal visibility in dark or dimly lit environments.



Image: Control for adjusting the brightness of the 8 LED lights on the endoscope camera.

3. **Observe and Capture:** View the live feed on your smartphone screen. Most apps allow for real-time viewing, photo capture, and video recording. You can also rotate the image within the app.
4. **Focal Range:** The optimal focal range for clear images is between 1.2 to 3.93 inches (3-10 cm). Position the camera within this range for best results.



About T TAKMLY

- We are a professional provider of endoscopes, microscope cameras, and industrial camera tools. We are a mature enterprise with 6 years of experience in product design, and manufacturing.
- We wish to build a relationship with our customers, which will help us get more creative ideas for product improvement. Followed with the faith of providing the best buying

Image: Diagram illustrating the optimal focal length of the endoscope camera for clear viewing.

5. **Using Accessories:** Attach the included hooks, magnet, or mirror to the camera tip for retrieving small objects or viewing at different angles. Ensure accessories are securely fastened.

MAINTENANCE

- **Cleaning:** After each use, gently wipe the camera lens and cable with a soft, damp cloth. Ensure no debris remains on the lens for clear future images.
- **Waterproof Rating:** The camera probe is IP67 waterproof, allowing it to be submerged up to 3.28 feet (1 meter) for a maximum of 1 hour. Do not exceed these limits.



Image: The endoscope camera is shown submerged, highlighting its IP67 waterproof capability.

- **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.

TROUBLESHOOTING

- **No Image on Screen:**
 - Ensure the endoscope is securely connected to your smartphone via the correct adapter.
 - Verify that the compatible app is installed and open. Try restarting the app or your phone.
 - Check if your phone's operating system meets the minimum requirements (iOS 9.0+, Android 7.0+).
- **Poor Image Quality:**
 - Clean the camera lens carefully.
 - Adjust the LED brightness using the control wheel.
 - Ensure the object being viewed is within the optimal focal range of 1.2 to 3.93 inches (3-10 cm).
- **Accessories Not Staying On:**
 - Ensure the accessories are correctly aligned and firmly attached to the camera tip. Some users may find additional securing methods (e.g., electrical tape) helpful for very tight spaces.

SPECIFICATIONS

| | |
|---------------------------------|---------------------------|
| Product Dimensions | 16.4 x 0.21 x 0.21 inches |
| Item Weight | 6.3 ounces |
| Item Model Number | 5.5-HD |
| Macro Focus Range | 1.2~3.93 inches (3-10 cm) |
| Video Capture Resolution | 1920x1440P, 720p |
| Waterproof Rating | IP67 |
| Cable Length | 16.4 FT |
| Manufacturer | T TAKMLY |

WARRANTY AND SUPPORT

The T TAKMLY 5.5mm Endoscope Inspection Camera comes with a **2-Year Coverage**. For any assistance, technical support, or warranty claims, please reach out to T TAKMLY customer support.