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› Dr.meter Wireless Endoscope User Manual

Dr.meter inskam109

Dr.meter Wireless Endoscope User Manual

Model: inskam109

1. PRODUCT OVERVIEW

The Dr.meter Wireless Endoscope (Model: inskam109) is a versatile inspection camera designed for various applications, offering high-resolution imaging in hard-to-reach areas. Featuring 2.0 megapixels and 1080P video capability, it provides clear visuals. Its IP68 waterproof rating allows for underwater inspections, and the semi-rigid 3.5-meter (11.5ft) cable ensures flexibility and reach. Equipped with 6 dimmable LED lights, it provides optimal illumination in dark environments. The endoscope connects wirelessly via WiFi to iOS and Android smartphones, iPads, and tablets, making it a convenient tool for home inspections, automotive repairs, plumbing, and more.



Figure 1: Dr.meter Wireless Endoscope with smartphone display and accessories.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and in good condition.

- Dr.meter Wireless Endoscope (inskam109) with 3.5M (11.5ft) Semi-Rigid Cable
- USB Charging Cable
- Accessory Kit (Hook, Magnet, Mirror, Waterproof Screw Cap)
- User Manual

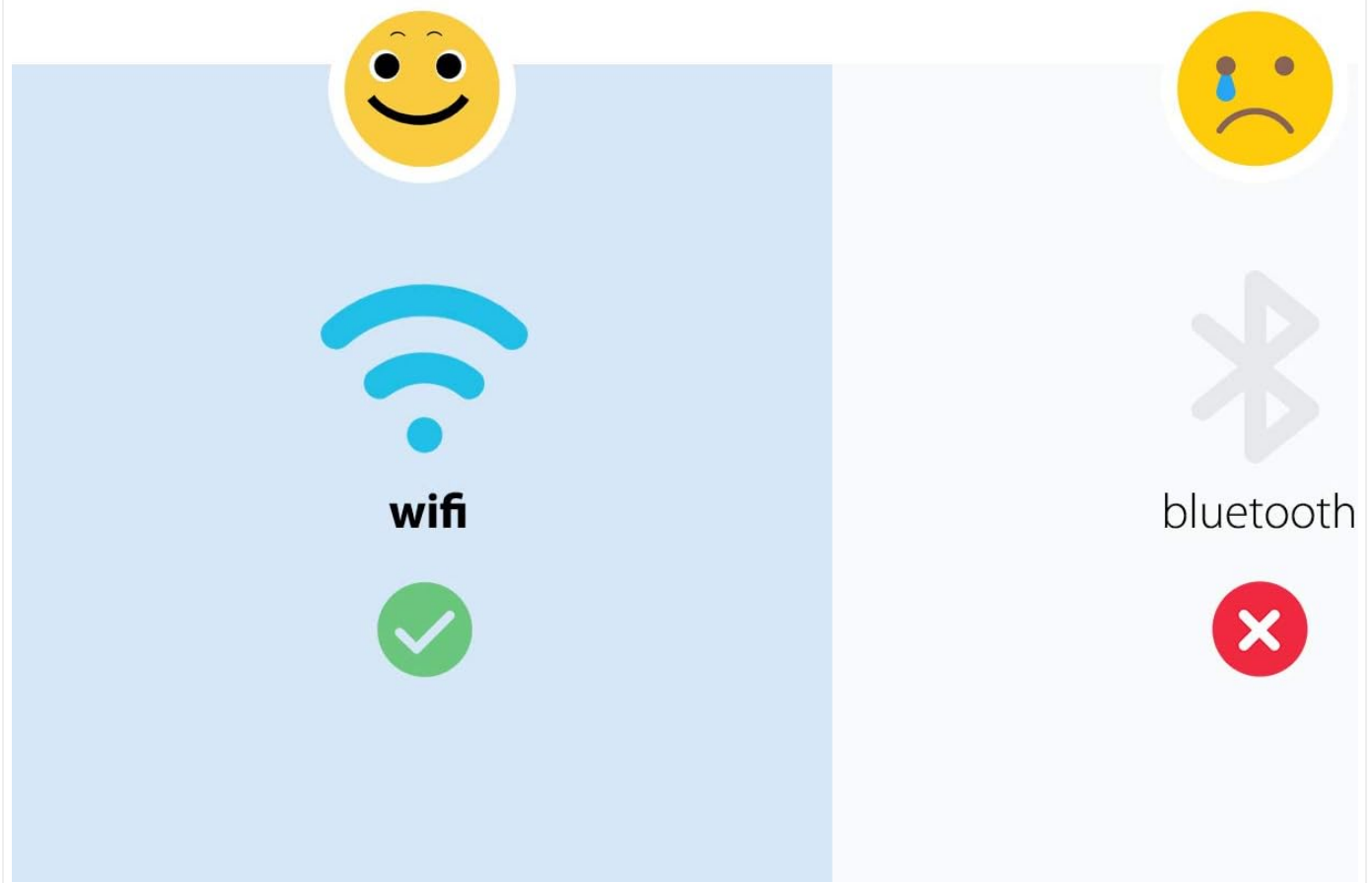
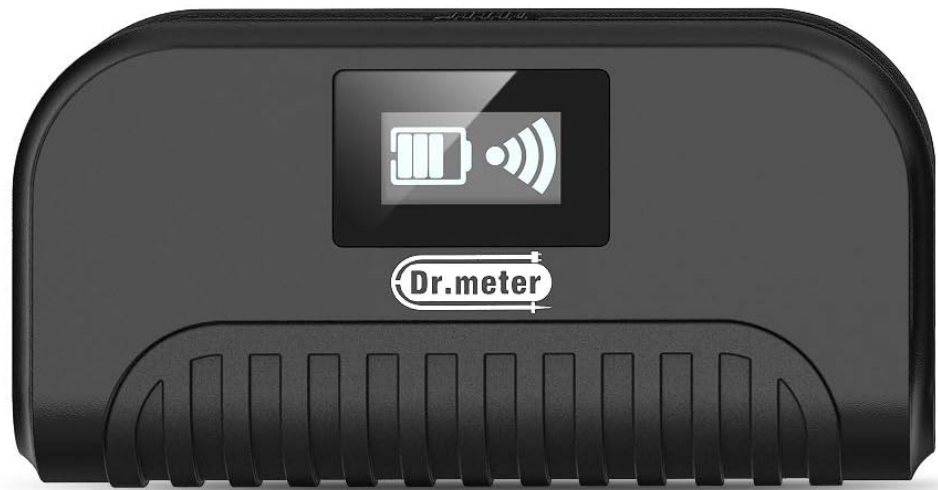


Figure 2: Included accessories: Hook, Magnet, Mirror, and Waterproof Screw Cap.

3. SETUP GUIDE

Follow these steps to set up your Dr.meter Wireless Endoscope and connect it to your smartphone or tablet.

1. **Charge the Device:** Before first use, fully charge the endoscope using the provided USB cable. The battery indicator on the main unit will show charging status.
2. **Download the App:** Search for and download the "Inskam" app from your device's app store (available on iOS and Android).
3. **Power On:** Turn on the endoscope by sliding the power switch on the main unit. The WiFi indicator light will illuminate.
4. **Connect to WiFi:**
 - Go to your phone's Wi-Fi settings.

- Locate and connect to the Wi-Fi network named "inskam109-XXXX" (where XXXX is a unique identifier).
- Enter the password "12345678" when prompted.

5. **Launch App:** Open the "Inskam" app. The app should automatically connect to the endoscope and display the live feed.

Your browser does not support the video tag.

Video 1: Demonstrates the setup process, including app download, powering on the device, and connecting via Wi-Fi.

4. OPERATING INSTRUCTIONS

Once connected, you can begin using your endoscope for inspection.

4.1 Adjusting LED Brightness

The endoscope features 6 dimmable LED lights to provide optimal illumination in various environments. You can adjust the brightness directly from the "Inskam" app interface. Look for a brightness control slider or buttons within the app to increase or decrease the light intensity.

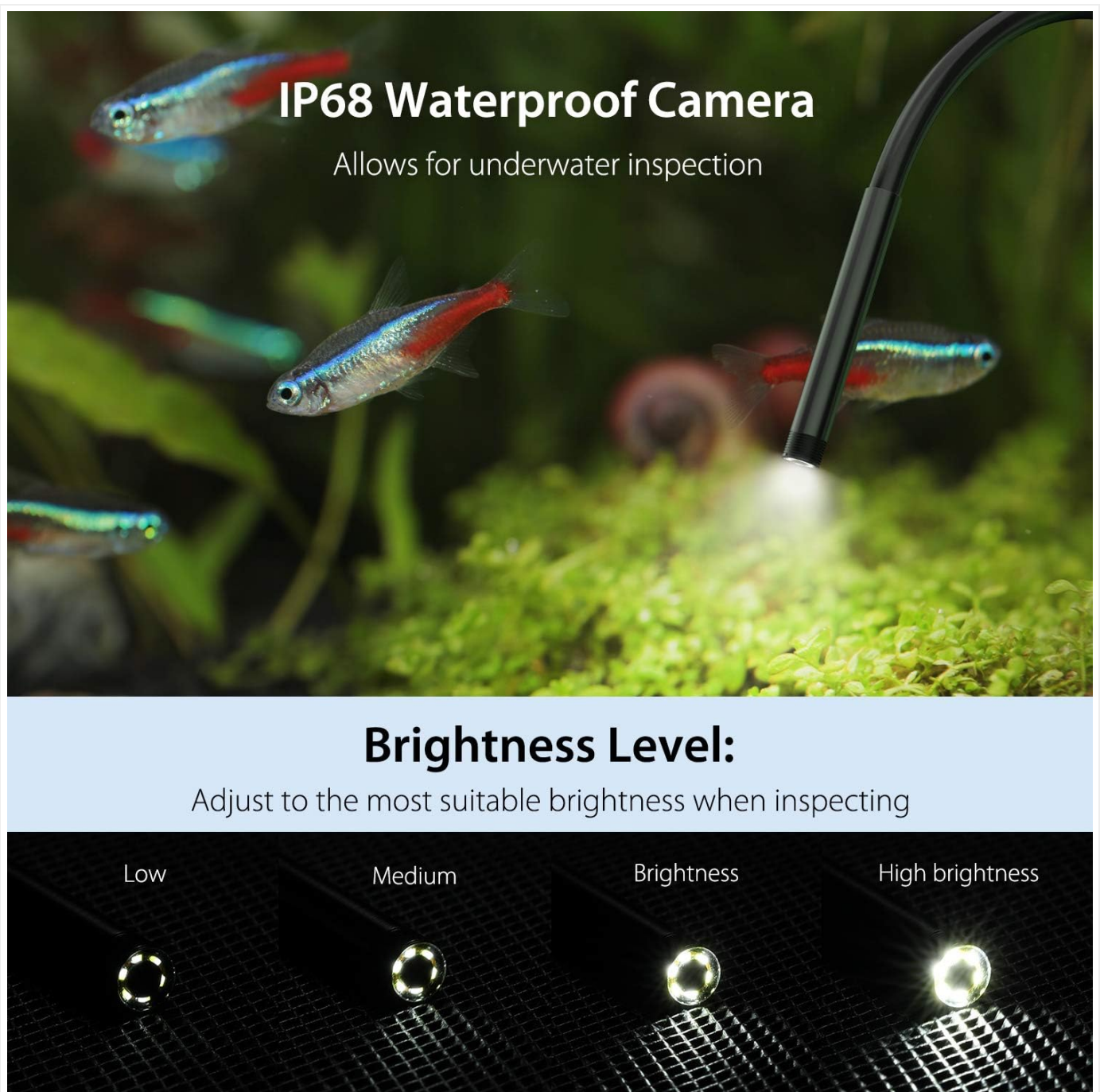


Figure 3: Adjusting LED brightness for optimal viewing.

4.2 Capturing Images and Videos

The "Inskam" app allows you to capture still images and record videos directly to your connected device. Look for dedicated buttons within the app interface for photo capture and video recording. Captured media will be saved to your device's gallery.

4.3 Using Accessories

The included accessory kit enhances the endoscope's functionality:

- **Hook:** Useful for retrieving small items from tight spaces.
- **Magnet:** Designed to pick up small metallic objects.
- **Mirror:** Provides a side view, allowing you to inspect areas at a 90-degree angle.
- **Waterproof Screw Cap:** Ensures the camera remains waterproof when submerged.

Attach these accessories securely to the end of the camera probe as needed.



Figure 4: Common application scenarios for the Dr.meter endoscope.

4.4 Waterproof Capability

The endoscope camera head is IP68 rated, meaning it is fully protected from dust and can withstand immersion in water up to 1.5 meters for 30 minutes. This allows for safe inspection in wet or submerged environments like pipes and drains. Ensure the waterproof screw cap is securely attached when performing underwater inspections.



Figure 5: Key specifications including imaging distance, resolution, and camera diameter.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your endoscope.

- **Cleaning:** After each use, especially in dirty or wet environments, gently wipe the camera lens and cable with a soft, damp cloth. For stubborn dirt, a mild, non-abrasive cleaner can be used. Ensure the lens is clean for clear images.
- **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.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. If storing for extended periods, charge the battery to about 50% every few months.

- **Lens Protection:** Always use the waterproof screw cap when operating in wet conditions to protect the lens and internal components.

6. TROUBLESHOOTING

If you encounter issues with your Dr.meter Wireless Endoscope, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password; device not powered on; out of range.	Ensure the endoscope is powered on and fully charged. Double-check the Wi-Fi password "12345678". Move closer to the endoscope. Restart both the endoscope and your smart device.
No image or black screen in app.	App not launched; poor Wi-Fi connection; camera lens obstructed.	Ensure the "Inskam" app is open and connected. Verify Wi-Fi connection strength. Check if the camera lens is clean and unobstructed.
Image is blurry or unclear.	Lens is dirty; insufficient lighting; object too close/far.	Clean the camera lens. Adjust the LED brightness using the app. The optimal imaging distance is 3-500cm; ensure the object is within this range.
Battery drains quickly.	High LED brightness; continuous use.	Reduce LED brightness if not needed. Fully charge the device before use. The battery provides up to 4.5 hours of continuous working time.

7. SPECIFICATIONS

- **Model:** inskam109
- **Camera Resolution:** 2.0 Megapixels, 1080P (1920x1080)
- **Cable Length:** 3.5 meters (11.5 feet)
- **Camera Diameter:** 5.5mm
- **Waterproof Rating:** IP68
- **LED Lights:** 6 Dimmable LEDs
- **Imaging Distance:** 3-500cm
- **Battery:** Built-in 2600mAh Lithium Battery
- **Working Time:** Up to 4.5 hours
- **Connectivity:** WiFi (for iOS and Android devices)
- **Item Weight:** 11.2 ounces
- **Package Dimensions:** 5.1 x 5 x 2 inches
- **Manufacturer:** Dr.meter



High Capacity Battery

The built-in 2600mAh lithium battery may work continuously up to 4.5 hours

Figure 6: High capacity battery details.

Dr.meter products are designed for reliability and performance. For warranty information, technical support, or any inquiries regarding your Wireless Endoscope, please contact Dr.meter customer service. You can typically find contact details on the official Dr.meter website or through the retailer where you purchased the product. Please have your model number (inskam109) and purchase information ready when contacting support.

For additional resources and product updates, visit the official Dr.meter store:[Dr.meter Store on Amazon](#).

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