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Daxiongmao C30-5M

Daxiongmao C30-5M Endoscope Camera with 4.3-inch IPS Screen User Manual

Model: C30-5M | Brand: Daxiongmao

1. Introduction

This manual provides instructions for the safe and effective operation of your Daxiongmao C30-5M Endoscope Camera. Please read this manual thoroughly before using the device and retain it for future reference. This endoscope is designed for visual inspection in hard-to-reach areas and is not intended for medical use.

2. Safety Information

- Do not use the device in environments with flammable or explosive gases.
- Keep the device away from strong electromagnetic fields.
- Ensure the camera probe is clean before and after use, especially when inspecting sensitive areas.
- The camera probe is IP67 waterproof, but the main unit (screen) is not. Avoid submerging the main unit in water.
- Do not attempt to disassemble or modify the device. Repairs should only be performed by qualified personnel.
- Keep out of reach of children.

3. Package Contents

Verify that all items are present in your package:

- Daxiongmao C30-5M Endoscope Camera (Main Unit with 4.3-inch IPS Screen and integrated 16.4FT Semi-Rigid Cord)
- User Manual (this document)
- Type-C Charging Cable
- Hook Attachment
- Magnet Attachment
- Side Mirror Attachment



Image 3.1: The Daxiongmao C30-5M Endoscope Camera with its included accessories: hook, magnet, and side mirror.

4. Product Overview

The Daxiongmao C30-5M Endoscope Camera features a 4.3-inch IPS color display for real-time viewing of high-definition images. It includes an 8mm camera head with 8 adjustable LED lights and a 16.4-foot semi-rigid cable for flexible navigation. The device operates independently, requiring no smartphone, Wi-Fi, or additional applications.

4.1 Key Features

- **4.3-inch IPS Display:** Provides clear, real-time high-definition images (1920P resolution).
- **Integrated System:** No external devices (phone, Wi-Fi) or apps required.
- **8 Adjustable LED Lights:** Ensures optimal illumination in dark environments.
- **IP67 Waterproof Probe:** Suitable for use in wet conditions.
- **16.4FT Semi-Rigid Cable:** Offers flexibility and rigidity for navigating tight spaces.
- **2000mAh Battery:** Provides approximately 3.5 hours of working time on a full charge.



Image 4.1: The 4.3-inch IPS color display provides clear inspection details.



Image 4.2: Illustration of the lens components and the clarity provided by 1920P HD pixels.



Image 4.3: The camera probe features 8 adjustable LED lights and is IP67 waterproof.



Image 4.4: The endoscope operates independently, requiring no phone, Wi-Fi, or app.

5. Setup

5.1 Charging the Device

1. Locate the Type-C charging port on the main unit.
2. Connect the provided Type-C charging cable to the device and a standard USB power adapter (not included).
3. The charging indicator will illuminate. A full charge takes approximately 3 hours.
4. Once fully charged, the device provides approximately 3.5 hours of continuous operation.



Image 5.1: The device features a 2000mAh battery, offering 3.5 hours of working time and 3 hours charging time.



Image 5.2: The Type-C charging interface for convenient power replenishment.

5.2 Attaching Accessories

The endoscope comes with a hook, magnet, and side mirror attachment. These can be screwed onto the camera head for specific tasks.

- **Hook:** Useful for retrieving small objects from confined spaces.
- **Magnet:** Designed to attract and retrieve metallic items.
- **Side Mirror:** Provides a 90-degree viewing angle for inspecting walls or sides of pipes.

1. Gently screw the desired attachment onto the threaded tip of the camera head until secure.
2. Ensure the attachment is firmly in place before inserting the probe.



Image 5.3: The included magnet, hook, and side mirror attachments for various inspection needs.

6. Operating Instructions

6.1 Powering On/Off

- **To Power On:** Press and hold the **POWER** button located on the main unit. The screen will illuminate.
- **To Power Off:** Press and hold the **POWER** button again until the screen turns off.

6.2 Adjusting LED Lights

The camera head features 8 adjustable LED lights to provide illumination in dark areas.

- Press the **Light Adjustment** button (often depicted as a sun icon) to cycle through different brightness levels.
- Continue pressing until the desired brightness is achieved.

6.3 Zoom Function

The device includes a digital zoom function for closer inspection of details.

- Press the **Zoom In** button (often depicted as a magnifying glass with a plus sign) to magnify the image.
- Press the **Zoom Out** button (magnifying glass with a minus sign) to reduce magnification.

6.4 Image Rotation

The displayed image can be rotated for optimal viewing orientation.

- Press the **Rotation** button (often depicted as an arrow circling) to rotate the image 180 degrees.

6.5 General Usage Tips

- The semi-rigid cable allows you to bend and hold the camera probe in a specific shape for easier navigation.
- The optimal focal range for clear viewing is approximately 3.81 cm to 12.7 cm (1.5 to 5 inches) from the camera lens.
- This model is designed for live viewing and does not support recording photos or videos.



Image 6.1: Examples of the endoscope camera in use for car maintenance, HVAC inspection, and plumbing.

7. Maintenance

7.1 Cleaning

- After each use, especially in dirty or wet environments, clean the camera probe with a soft, damp cloth.

- For stubborn dirt, a mild detergent can be used, followed by wiping with a clean, damp cloth.
- Ensure the camera lens is free of debris for clear images.
- Wipe the main unit with a dry, soft cloth. Do not use abrasive cleaners or immerse the main unit in water.

7.2 Storage

- Store the endoscope camera in a cool, dry place, away from direct sunlight and extreme temperatures.
- Avoid kinking or sharply bending the semi-rigid cable during storage.
- Ensure the device is fully charged before long-term storage to maintain battery health.

8. Troubleshooting

Problem	Possible Cause	Solution
Device does not power on.	Low battery.	Charge the device using the provided Type-C cable.
No image on screen.	Device not powered on. Cable connection issue.	Ensure the device is powered on. Check if the cable is securely connected to the main unit.
Image is blurry.	Camera lens is dirty. Object is outside focal range. Insufficient lighting.	Clean the camera lens. Adjust the distance between the camera and the object (optimal focal range: 3.81-12.7 cm). Increase LED light brightness.
LED lights are not working.	Lights are turned off or at lowest setting.	Press the Light Adjustment button to increase brightness.

9. Specifications

- **Model:** C30-5M
- **Display:** 4.3-inch IPS Color Screen
- **Video Capture Resolution:** 1920P (for display)
- **Camera Diameter:** 8mm
- **Cable Length:** 16.4 feet (5 meters)
- **Cable Type:** Semi-Rigid
- **LED Lights:** 8 adjustable LEDs
- **Waterproof Rating:** IP67 (for camera probe only)
- **Battery:** 2000mAh Lithium Polymer (included)
- **Working Time:** Approximately 3.5 hours
- **Charging Time:** Approximately 3 hours
- **Focal Range:** 3.81 cm - 12.7 cm (1.5 - 5 inches)
- **Product Dimensions:** 7.8 x 5.24 x 3.23 inches (Main Unit)
- **Weight:** 1.04 Pounds
- **Color:** Black

10. Warranty and Support

Daxiongmao provides a worry-free 120-day warranty for this product. For technical support, warranty claims, or any questions regarding your Daxiongmao C30-5M Endoscope Camera, please contact our customer service. Refer to the contact information provided with your purchase or visit the official Daxiongmao store on Amazon.

Amazon Store Link: Daxiongmao Official Store

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