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› ScopeAround MS-450-5M Industrial Endoscope Instruction Manual

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ScopeAround MS-450-5M Industrial Endoscope Instruction Manual

Model: MS-450-5M | Brand: ScopeAround

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1. INTRODUCTION

The ScopeAround MS-450-5M Industrial Endoscope is a versatile inspection camera designed for detailed visual inspection in hard-to-reach areas. It features a high-resolution camera, flexible cable, and a dedicated display unit for clear viewing and recording.

Say Goodbye with Cotton Swab



Image: The ScopeAround MS-450-5M Industrial Endoscope, showcasing the main display unit and the flexible camera probe.

This manual provides essential information for the safe and effective use of your industrial endoscope. Please read it thoroughly before operation.

2. SETUP

2.1 Unboxing and Initial Inspection

Upon receiving your ScopeAround MS-450-5M, carefully unpack all components and inspect for any damage. The package should include the main display unit, a flexible camera cable, USB charging cable, kickstand, and two camera attachments (hook and magnet).

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Video: An unboxing and initial setup guide for the ScopeAround industrial endoscope, demonstrating how to unpack the device and its accessories.

2.2 Attaching the Camera Cable

1. Locate the USB-C port at the top of the main display unit.
2. Connect the flexible camera cable's USB-C connector firmly into this port. Ensure a secure connection.

2.3 Attaching the Kickstand

1. Locate the designated slot on the back of the main display unit.
2. Align the kickstand with the slot and gently push it into place until it clicks.
3. Secure the kickstand by screwing it in for added stability.

2.4 Charging the Device

Connect the provided USB charging cable to the main unit and a suitable USB power source. The battery indicator on the screen will show charging status. A full charge provides approximately 4.5 hours of working time.



Image: Illustration of the 800mAh rechargeable battery and its charging status on the device screen.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

Press and hold the power button (usually located on the front panel) to turn the device on or off.

3.2 Navigating the Interface

Use the directional buttons (Up, Down, OK) to navigate through menus and select options. The 'M' button typically switches between modes (photo, video, playback).

3.3 Adjusting LED Lights

The camera probe is equipped with LED lights for illumination in dark environments. Use the light adjustment button (often depicted as a sun icon) to increase or decrease the brightness as needed.

3.4 Using Camera Attachments

The endoscope comes with a hook and a magnet attachment. To use them:

1. Unscrew the protective ring from the camera probe tip.
2. Carefully screw on either the hook or magnet attachment.
3. Ensure the attachment is securely fastened before use.

3.5 Capturing Images and Videos

In photo mode, press the 'OK' button to capture a still image. In video mode, press 'OK' to start recording and again to stop. The device supports recording images and videos with sound.

Your browser does not support the video tag.

Video: A demonstration of the ScopeAround endoscope in various industrial and household inspection scenarios, highlighting its dual lens, flexible cable, and recording capabilities.

3.6 Dual Lens Functionality

The endoscope features a dual-lens system. Use the designated button (often labeled 'M' or a camera icon with an arrow) to switch between the front-facing and side-view lenses, allowing for comprehensive inspection without repositioning the probe.

3.7 Viewing and Transferring Files

Captured images and videos are stored on the built-in 32GB Micro SD card. You can review them directly on the device or connect the endoscope to a PC via the USB cable to transfer files.

COMPATIBILITY

SUITABLE FOR MOBILE DEVICES



ios



Android



ipad

Note : Not Compatible With PC



Image: The endoscope is compatible with various mobile devices (iOS, Android, iPad) for viewing, though the main unit has its own screen. Note: Not compatible with PC for direct viewing, but for file transfer.

4. MAINTENANCE

4.1 Cleaning the Lens

The camera lens is IP67 waterproof. After use, especially in dirty or wet environments, gently wipe the lens with a soft, damp cloth. Do not use abrasive cleaners or solvents.

LP67 Waterproof Lens



Image: The IP67 waterproof lens of the endoscope being cleaned under running water. Note that only the lens is waterproof.

4.2 Storage

Store the endoscope and its accessories in the provided carrying case in a cool, dry place away from direct sunlight and extreme temperatures.

4.3 Battery Care

To prolong battery life, avoid fully discharging the device frequently. Charge the battery regularly, even if the device is not in use for extended periods.

5. TROUBLESHOOTING

- **No Image on Screen:** Ensure the camera cable is securely connected to the main unit. Check if the device is powered on and the battery has sufficient charge.
- **Poor Image Quality:** Clean the camera lens. Adjust the LED brightness. Ensure the object being inspected is within the camera's focal range.
- **Device Not Responding:** Try restarting the device. If unresponsive, connect to a charger to ensure it's not a battery

issue.

- **Cannot Record/Save Files:** Check if the Micro SD card is properly inserted and has available storage space. The device comes with a built-in 32GB Micro SD card.

6. SPECIFICATIONS

Feature	Detail
Product Dimensions	7.8 x 6.6 x 2.7 inches
Item Weight	1.63 pounds
Item Model Number	MS-450-5M
Shooting Modes	Automatic
Exposure Control Type	Automatic
Color	White
Video Capture Resolution	1080p
Media Type	Micro SD Card (Built-in 32GB)
Manufacturer	asomooh

7. WARRANTY & SUPPORT

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official ScopeAround website. Keep your purchase receipt for warranty claims.