

[Manuals.plus](#) /

› [MugEasy](#) /

› MugEasy C30-S-3M Endoscope Camera with Light User Manual

## MugEasy C30-S-3M

# MugEasy C30-S-3M Endoscope Camera with Light User Manual

Model: C30-S-3M

## 1. INTRODUCTION

This manual provides instructions for the MugEasy C30-S-3M Endoscope Camera with Light. This device is designed for visual inspection in hard-to-reach areas, featuring a dual-lens system, a 4.3-inch IPS display, 1920P HD resolution, and adjustable LED illumination. The camera probe is IP67 waterproof and connected via a 10-foot semi-rigid cable, making it suitable for various inspection tasks.



Figure 1.1: MugEasy C30-S-3M Endoscope Camera with Light main unit and probe.

## 2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Borescope Camera with Light (Main Unit and Probe) x 1
- Hook x 1
- Magnet x 1
- Side Mirror x 1
- Type-C Data Cable x 1
- User Manual x 1



Figure 2.1: Included accessories: hook, magnet, and side mirror.

### 3. PRODUCT OVERVIEW

The MugEasy C30-S-3M features a main display unit with integrated controls and a flexible camera probe. The probe incorporates a dual-lens system and adjustable LED lights for optimal visibility.

#### 3.1 Main Unit and Controls

The main unit houses the 4.3-inch IPS screen and control buttons for various functions.

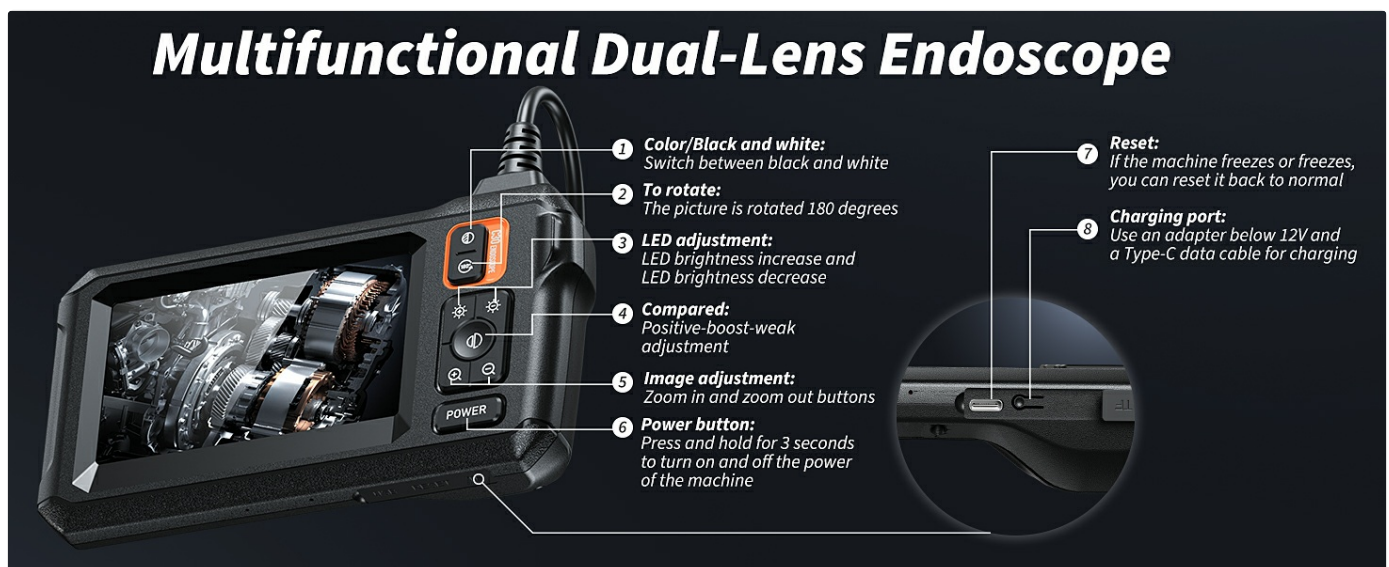


Figure 3.1: Main unit controls and ports. Key functions include power, LED adjustment, image rotation, zoom, and reset.

- 1. Color/Black and White Button:** Switches between color and monochrome display modes.
- 2. Rotate Button:** Rotates the displayed image 180 degrees.
- 3. LED Adjustment Buttons (+/-):** Increases or decreases the brightness of the LED lights on the camera probe.
- 4. Compared Button:** Switches between different observation modes (e.g., front lens, side lens, split view).
- 5. Image Adjustment Buttons (Zoom In/Out):** Adjusts the digital zoom level of the image.
- 6. Power Button:** Press and hold for 3 seconds to turn the device on or off.
- 7. Reset Button:** Used to reset the device if it freezes.

8. **Charging Port:** Type-C port for charging the internal battery.

### 3.2 Camera Probe and Cable

The endoscope features a 7.9mm diameter camera probe with dual lenses and 8 adjustable LED lights. The 10-foot semi-rigid cable allows for flexible positioning while maintaining shape.

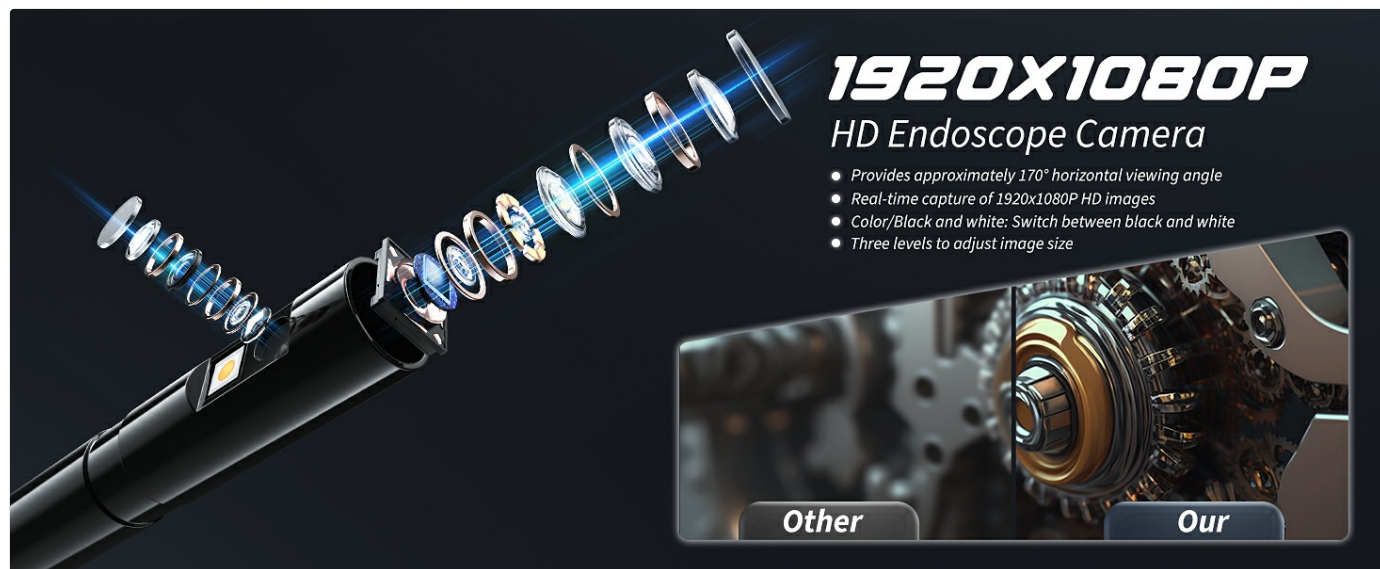


Figure 3.2: Dual-lens camera probe providing multiple viewing angles.

## 4. SETUP

### 4.1 Charging the Device

Before first use, fully charge the endoscope camera. Connect the provided Type-C data cable to the charging port on the main unit and to a 5V=1A power adapter (not included). The device has a 2000mAh battery capacity, providing approximately 3.5 hours of working time on a full charge.



Figure 4.1: Battery and charging details.

### 4.2 Attaching Accessories

The hook, magnet, and side mirror accessories can be attached to the camera probe for specific inspection needs. Carefully secure them to the tip of the probe.

## 5. OPERATING INSTRUCTIONS

### 5.1 Power On/Off

To power on the device, press and hold the **Power Button** for approximately 3 seconds. The screen will illuminate. To power off, press and hold the **Power Button** again for 3 seconds.

### 5.2 Adjusting LED Brightness

Use the **LED Adjustment Buttons (+/-)** to increase or decrease the brightness of the 8 LED lights on the camera probe. Adjust the brightness to achieve optimal visibility in different environments.

### 5.3 Switching Viewing Modes (Dual Lens)

Press the **Compared Button** to cycle through the available observation modes. This allows you to switch between the front lens view, side lens view, or a split-screen view, providing comprehensive inspection without needing to physically reorient the probe or attach side mirrors.

### 5.4 Image Rotation

If the image orientation is incorrect, press the **Rotate Button** to rotate the display 180 degrees.

### 5.5 Zoom Function

Use the **Image Adjustment Buttons (Zoom In/Out)** to digitally zoom in or out on the live image, allowing for closer inspection of details.

### 5.6 Optimal Focusing Distance

For the clearest image, position the camera probe within the optimal focusing distance of 2cm to 10cm (0.8-3.9 inches) from the object being inspected.

## 6. MAINTENANCE

### 6.1 Cleaning

After use, gently wipe the camera probe with a soft, damp cloth. Ensure no debris obstructs the lenses or LED lights. Do not use abrasive cleaners or solvents.

### 6.2 Waterproof Rating

The camera probe is IP67 waterproof, meaning it is protected against dust and can withstand immersion in water up to 1 meter (3.28 feet) for up to 30 minutes. The main unit is not waterproof and should be kept dry.



Figure 6.1: The camera probe is IP67 waterproof.

6.3 Storage

Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Ensure the cable is neatly coiled to prevent damage.

7. TROUBLESHOOTING

- **Device does not power on:**  
Ensure the battery is charged. Connect the device to a power source using the Type-C cable and allow it to charge for at least 30 minutes before attempting to power on again.
- **Screen freezes or becomes unresponsive:**  
Press the **Reset Button** located near the charging interface to restart the device.
- **Image is blurry or unclear:**  
Adjust the LED brightness using the **LED Adjustment Buttons (+/-)**. Ensure the camera probe is within the optimal focusing distance of 2cm-10cm from the object. Clean the camera lens if there is any dirt or debris.
- **Cannot maneuver the cable around tight corners:**  
The cable is semi-rigid, designed to hold its shape while offering some flexibility. For very tight or complex turns, additional tools or techniques may be required to guide the probe.
- **No image on screen:**  
Ensure the device is powered on. Check if the cable connection between the probe and the main unit is secure.

8. SPECIFICATIONS

|               |              |
|---------------|--------------|
| Model Number  | C30-S-3M     |
| Screen Size   | 4.3-inch IPS |
| Resolution    | 1920P HD     |
| Camera Lenses | Dual Lens    |

|                           |                               |
|---------------------------|-------------------------------|
| LED Lights                | 8 (Adjustable Brightness)     |
| Cable Length              | 10 feet (Semi-Rigid)          |
| Probe Diameter            | 7.9mm                         |
| Waterproof Rating         | IP67 (for camera probe only)  |
| Optimal Focusing Distance | 2cm - 10cm (0.8 - 3.9 inches) |
| Battery Capacity          | 2000mAh                       |
| Battery Life              | Approximately 3.5 hours       |
| Charging Input            | 5V=1A (Type-C)                |
| Package Dimensions        | 8.19 x 5.83 x 2.32 inches     |
| Item Weight               | 14.39 ounces                  |

## 9. WARRANTY AND SUPPORT

MugEasy provides professional and attentive after-sales service. If you have any questions, encounter issues with your product, or require assistance, please contact our support team. Refer to the contact information provided with your purchase or on the official MugEasy website for assistance.

### 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