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› YINAMA 1080P Dual Lens Industrial Borescope Instruction Manual

YINAMA B088W93J97

YINAMA 1080P Dual Lens Industrial Borescope Instruction Manual

Model: B088W93J97

1. INTRODUCTION

This manual provides instructions for the YINAMA 1080P Dual Lens Industrial Borescope, model B088W93J97. This device is designed for visual inspection in hard-to-reach areas, offering high-definition imaging and a dual-lens system for comprehensive viewing. Please read this manual thoroughly before operating the device to ensure proper use and maintenance.



Image 1.1: YINAMA Dual Lens Industrial Borescope

The YINAMA Industrial Borescope is an inspection tool featuring a display screen, a flexible semi-rigid cable with an integrated camera, and controls for illumination and image capture. It is suitable for various inspection tasks in automotive, industrial, and household applications.

2. PRODUCT FEATURES

- **4.3-inch HD 1080P Display Screen:** The device features a 4.3-inch toughened glass display, providing instant viewing of high-definition photos and videos for clear analysis.
- **1080P Dual Lens System:** Equipped with a main camera and an additional HD camera on the side of the probe, allowing for inspection from multiple angles. A dedicated button facilitates switching between lenses.

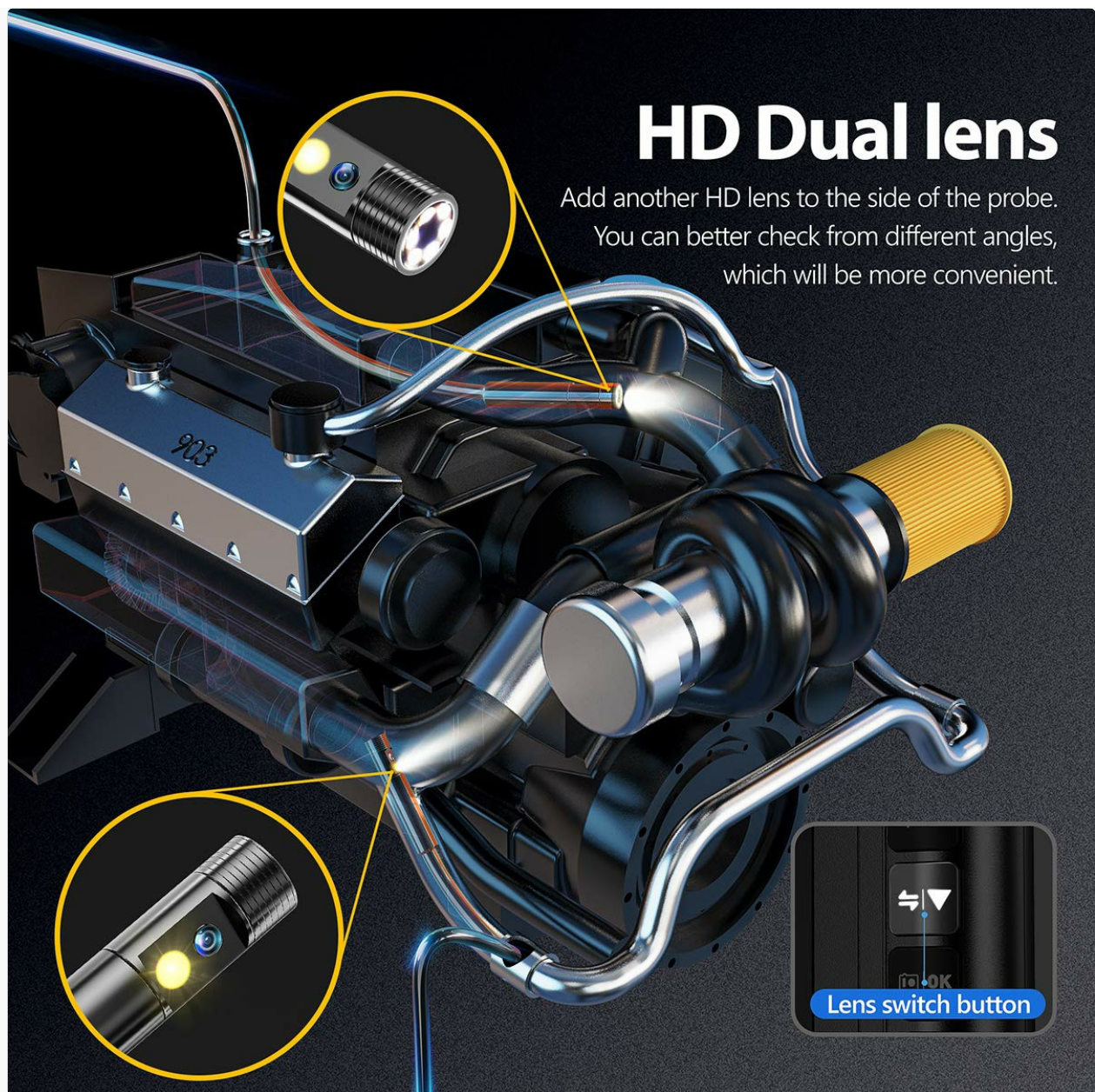


Image 2.1: Dual Lens System for multi-angle inspection.

- **IP67 Waterproof & Adjustable LED Lights:** The camera probe is IP67 waterproof, enabling use in wet or submerged conditions. Six adjustable LED lights ensure clear visibility in dark environments. The flexible, semi-rigid cable with an 8mm camera can navigate narrow spaces.



Image 2.2: IP67 Waterproof 8mm Slim Lens with focal length details.

- **Built-in 1700mAh Rechargeable Battery & 32GB TF Card:** A 1700mAh rechargeable battery provides approximately 3-4 hours of operation on a full charge. A 32GB TF card is included for storing images and video recordings.

Built-in 1700mAh Rechargeable Battery

With fast charging function, it can work for 3-4 hours.



1700 mAh
Large capacity battery



3-4 hours
Endurance



32GB TF card
Mass storage



Image 2.3: Built-in 1700mAh Rechargeable Battery and 32GB TF Card slot.

- **Versatile Application Fields:** Suitable for mechanical inspection, automotive repair, pipeline inspection, household appliance testing, wall inspection, chimney maintenance, and air conditioning system checks.

Multiple usage scenarios



Image 2.4: Multiple usage scenarios and included accessories.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- YINAMA Industrial Borescope Unit with 4.3-inch Display
- Semi-Rigid Inspection Cable with Dual Camera (16.4FT length)
- USB Charging Cable
- 32GB TF Card (pre-installed or included separately)
- Accessories: Hook, Magnet, Side View Mirror, Waterproof Cap
- User Manual

4. SETUP INSTRUCTIONS

4.1 Charging the Device

1. Connect the provided USB charging cable to the charging port on the borescope unit.
2. Connect the other end of the USB cable to a standard USB power adapter (not included) or a computer USB port.
3. The charging indicator light will illuminate. A full charge typically takes 3-4 hours.
4. Disconnect the cable once fully charged.

4.2 Inserting the TF Card

The 32GB TF card is essential for saving photos and videos.

1. Locate the TF card slot on the side of the borescope unit.
2. Gently insert the TF card into the slot with the metal contacts facing down until it clicks into place.
3. To remove, push the card in slightly until it springs out.

4.3 Powering On/Off

1. To power on, press and hold the Power/Setting button () for a few seconds until the screen illuminates.
2. To power off, press and hold the Power/Setting button () again until the screen turns off.

5. OPERATING INSTRUCTIONS

4.3 inch LCD Screen HD 1080P Display

High-quality video/images and provide you with clearer details.



Button of Function



Image 5.1: Display Screen and Function Buttons.

5.1 Button Functions Overview

- **Up/Light Adjustment Button (*):** Adjusts the brightness of the LED lights. In menu mode, navigates up.
- **Lens Switch Button (⇌):** Switches between the front and side camera lenses.
- **Photo/Video/Confirm Button (OK):** Takes a photo with a short press. Starts/stops video recording with a long press. Confirms selections in menu mode.
- **Down Button (↓):** Navigates down in menu mode.
- **Return/File Browsing Button (↶):** Returns to the previous screen. Long press to enter file browsing mode (gallery).
- **Power/Setting Button (⏻):** Powers the device on/off. Short press to enter the settings menu.

5.2 Adjusting LED Lights

While in live view, press the **Up/Light Adjustment Button (*)** repeatedly to cycle through different brightness levels for the LED lights. This helps illuminate dark inspection areas.

5.3 Switching Between Lenses

To switch between the front-facing camera and the side-facing camera, press the**Lens Switch Button (⇄)**. This allows for a more comprehensive view of the inspection area without repositioning the cable.

5.4 Capturing Photos and Videos

- **To take a photo:** In live view, short press the**Photo/Video/Confirm Button (OK)**. The image will be saved to the TF card.
- **To record a video:** In live view, long press the**Photo/Video/Confirm Button (OK)** to start recording. A recording indicator will appear on the screen. Long press again to stop recording. The video will be saved to the TF card.

5.5 Viewing Files

To access saved photos and videos:

1. Long press the **Return/File Browsing Button (△)** to enter the file browsing mode.
2. Use the **Up (⬆)** and **Down (⬇)** buttons to navigate through your saved files.
3. Press the **Photo/Video/Confirm Button (OK)** to view a selected photo or play a video.
4. Press the **Return/File Browsing Button (△)** to exit file browsing mode.

6. MAINTENANCE

6.1 Cleaning the Lens and Cable

- After each use, especially in dirty or wet environments, gently wipe the camera lens with a soft, lint-free cloth. For stubborn dirt, use a small amount of lens cleaning solution.
- Clean the semi-rigid cable with a damp cloth. Ensure no debris remains on the cable or camera head.
- Do not use abrasive cleaners or solvents, as these can damage the lens or cable material.

6.2 Battery Care

- Charge the device regularly, even if not in frequent use, to maintain battery health.
- Avoid fully discharging the battery for extended periods.
- Store the device in a cool, dry place away from extreme temperatures.

6.3 Storage

When not in use, store the borescope and its accessories in a clean, dry place, preferably in its original packaging or a protective case, to prevent damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on	Low battery; Device malfunction	Charge the device fully. If problem persists, contact support.
Poor image quality / Dark image	Insufficient lighting; Dirty lens; Incorrect focal distance	Adjust LED brightness. Clean the camera lens. Ensure object is within 3cm-10cm focal range.

Problem	Possible Cause	Solution
Cannot save photos/videos	TF card full; TF card not inserted correctly; TF card error	Check TF card storage and delete unnecessary files. Reinsert TF card. Try a different TF card.
Cable kinks or is difficult to maneuver	Attempting to force cable through tight bends	The cable is semi-rigid; avoid sharp bends. Gently guide the cable.

8. SPECIFICATIONS

- **Display Screen:** 4.3-inch HD 1080P Color Screen
- **Camera Resolution:** 1080P
- **Lens Diameter:** 8mm
- **Focal Length:** 3cm - 10cm (optimal)
- **Waterproof Rating:** IP67 (for camera probe)
- **LED Lights:** 6 adjustable LED lights
- **Battery:** 1700mAh Lithium Polymer (rechargeable)
- **Battery Life:** Approximately 3-4 hours
- **Storage:** 32GB TF Card (included)
- **Cable Length:** 16.4 feet (5 meters)
- **Item Model Number:** B088W93J97

9. WARRANTY AND SUPPORT

For product support, warranty information, or to inquire about missing/damaged accessories, please contact YINAMA customer service. Refer to the product packaging or purchase platform for specific contact details.

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