

anysun Camera-512HZ

ANYSUN Camera Head with 512Hz Sonde Instruction Manual

Model: Camera-512HZ

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your ANYSUN Camera Head with 512Hz Sonde. This accessory is designed to enhance the functionality of compatible ANYSUN sewer and pipe inspection systems, specifically the 7D1 and 9DX series. Please read these instructions thoroughly before use to ensure optimal performance and longevity of the product.

PRODUCT FEATURES

- **Compact Design:** Camera head features a minimum diameter of 0.9 inches (approximately 23mm) for access into narrow pipes.
- **Waterproof Rating:** IP68 waterproof rating ensures reliable operation in submerged conditions.
- **Flexible Spring:** Equipped with a spring capable of 360-degree bending, allowing navigation through curved pipe sections.
- **512Hz Sonde:** Includes a built-in 512Hz sonde for precise location tracking when used with a compatible locator.
- **Adjustable LEDs:** Features 12 adjustable LEDs for illumination in dark environments.



Image: The ANYSUN Camera Head, highlighting its IP68 waterproof design, 12 adjustable LEDs for illumination, and a flexible spring for navigating bends in pipes. Various camera head sizes are also shown, including 23mm, 36mm, and 104mm.

COMPATIBILITY

This camera head is specifically designed for use with ANYSUN brand sewer inspection systems. It is compatible with the following models:

- ANYSUN 7D1 series
- ANYSUN 9DX series

Ensure your main inspection unit is from the compatible series to guarantee proper functionality and connection.



SUPPORT



SUPPORT



SUPPORT



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NOT SUPPORT

Image: A diagram illustrating the compatibility of the ANYSUN Camera Head (highlighted in red) with different ANYSUN sewer camera systems, indicating which models support this accessory.

SETUP INSTRUCTIONS

- Inspect Components:** Before connecting, visually inspect the camera head and the connection point on your main inspection unit for any damage or debris.
- Align Connector:** Carefully align the connector of the camera head with the corresponding port on the cable reel or main unit. Ensure the pins are correctly oriented.
- Secure Connection:** Gently push the camera head connector into the port until it is fully seated. Twist the locking mechanism (if present) clockwise to secure the connection. Avoid overtightening.
- Test Functionality:** Power on your ANYSUN inspection system. Verify that the camera image appears on the monitor and that the LED lights on the camera head are functional and adjustable.

5. **Waterproof Seal:** For submerged applications, ensure the connection is completely sealed. Apply a small amount of silicone grease or WD-40 to the connection piece as recommended by some users to maintain a good connection and waterproof integrity.

OPERATING INSTRUCTIONS

Once the camera head is securely connected to your ANYSUN inspection system, follow these general guidelines for operation:

1. **Power On:** Turn on the main inspection unit and monitor.
2. **Adjust Lighting:** Use the controls on your main unit to adjust the brightness of the camera's LED lights for optimal visibility in the inspection area.
3. **Insert Camera:** Carefully insert the camera head into the pipe or conduit. Guide the cable slowly, observing the live feed on the monitor.
4. **Navigate Bends:** The flexible spring allows the camera to navigate bends. Apply gentle pressure and rotate the cable as needed to guide the camera through turns. Avoid excessive force.
5. **Utilize Sonde (if applicable):** If your system includes a locator, activate the 512Hz sonde feature to pinpoint the camera's exact location within the pipe. Refer to your locator's manual for specific instructions.
6. **Record Inspection:** Use the recording functions of your main unit to capture video or still images of the inspection for later review.
7. **Retrieve Camera:** After inspection, slowly and carefully retract the camera head from the pipe.

MAINTENANCE

- **Cleaning:** After each use, clean the camera head thoroughly with a damp cloth to remove any debris, dirt, or residue. Do not use harsh chemicals or abrasive materials.
- **Connection Care:** Regularly inspect the connection point for corrosion or damage. Applying a small amount of dielectric grease or WD-40 to the connection can help prevent issues.
- **Storage:** Store the camera head in a clean, dry environment, away from extreme temperatures and direct sunlight. Protect it from physical impact.
- **Cable Inspection:** Periodically check the cable leading to the camera head for any signs of wear, cuts, or fraying. Damaged cables can affect performance and safety.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on monitor	Loose connection; Power issue; Damaged camera head/cable	Ensure camera head is securely connected. Check power supply to main unit. Inspect camera head and cable for visible damage.
Poor image quality	Insufficient lighting; Dirty camera lens; Water ingress	Adjust LED brightness. Clean camera lens. Verify waterproof seal.
Camera head stuck in pipe	Obstruction; Sharp bend	Gently retract and rotate the cable. Avoid forcing. If severely stuck, professional assistance may be required.
512Hz Sonde not detected	Sonde not activated; Locator malfunction; Environmental interference	Ensure sonde is activated on the main unit. Check locator battery and operation. Move away from large metallic objects.
Connection issues / intermittent signal	Corroded or dirty connection; Loose connection; Frayed wires	Clean connection points and apply WD-40 or dielectric grease. Ensure connection is tight. Inspect wires for damage.

SPECIFICATIONS

- **Model Number:** Camera-512HZ
- **Camera Diameter:** Minimum 0.9 inches (approx. 23mm)
- **Waterproof Rating:** IP68
- **Sonde Frequency:** 512Hz
- **Flexibility:** 360-degree bending spring
- **LEDs:** 12 adjustable lights
- **Compatible Systems:** ANYSUN 7D1 series, ANYSUN 9DX series

WARRANTY AND SUPPORT

ANYSUN stands behind its products with responsive support and reliable service. For warranty information, technical assistance, or to inquire about replacement parts, please contact ANYSUN customer service through their official channels. Refer to your original product packaging or the ANYSUN website for contact details. For more information about ANYSUN and their product range, visit the [ANYSUN 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