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Anysun B0C3D3JM9K

Anysun Self-Leveling Sewer Inspection Camera with Locator

MODEL: B0C3D3JM9K - USER MANUAL

Your guide to effective pipe inspection.

1. Introduction

This manual provides detailed instructions for the Anysun Self-Leveling Sewer Inspection Camera with Locator. This system is designed for professional and DIY pipe inspection, offering advanced features to accurately locate and diagnose issues within plumbing systems. Please read this manual thoroughly before operating the device to ensure safe and efficient use.



Figure 1: Anysun Sewer Inspection Camera System Overview

2. Product Components

The Anysun Sewer Inspection Camera system includes the following main components:

- **Sewer Camera with Self-Leveling Probe:** Equipped with a built-in 512Hz transmitter and 12 adjustable LED lights for clear visibility in dark environments. The self-leveling feature ensures the image remains upright.
- **512Hz Locator:** A handheld device used to accurately pinpoint the camera probe's location and depth within pipes.
- **9-inch HD Monitor with DVR:** A large, high-definition screen for real-time viewing, with DVR functionality to record video and capture photos onto a 32GB memory card.
- **100ft (30m) Fiberglass Push Cable:** A durable, 7mm thick cable with meter markers for precise distance measurement.
- **4500mAh Rechargeable Battery:** Provides 8-10 hours of continuous operation on a full charge.
- **Power Adapter and Connection Cables:** For charging and connecting components.

- **Camera Skids/Centerers:** Various sizes to help center the camera in pipes of different diameters.



Figure 2: Key components of the inspection system

3. Setup Instructions

Follow these steps to set up your Anysun Sewer Inspection Camera:

1. **Unpack Components:** Carefully remove all items from the carrying case.
2. **Charge Battery:** Connect the power adapter to the battery box and a power outlet. Ensure the battery is fully charged before use (indicated by LED lights on the battery box).
3. **Connect Camera Head:** Securely attach the camera probe to the end of the fiberglass push cable. Ensure a tight connection to maintain waterproofing.
4. **Connect Cable to Monitor:** Plug the main cable from the reel into the designated camera input port on the monitor unit.
5. **Power On:** Turn on the monitor unit using the power button. The screen should display the camera feed.
6. **Attach Camera Skid (Optional):** For larger pipes, select an appropriate camera skid and attach it to the camera head to help center it within the pipe, improving visibility and maneuverability.

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Video 1: Initial setup and component connection for the sewer camera system.

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Video 2: Unboxing and assembly demonstration of the sewer camera system.

4. Operating Instructions

Once the system is set up, you can begin your inspection:

4.1 Camera Operation

- **Insert Camera:** Carefully feed the camera head into the pipe. Use the push cable to navigate through the system.
- **Adjust LED Lights:** Use the dedicated control on the battery box to adjust the brightness of the 12 LED lights on the camera head. This ensures optimal illumination in varying pipe conditions.
- **Self-Leveling Feature:** The camera probe features an automatic self-balancing gravity bearing, ensuring the image on the monitor always remains upright for clear observation.

- **Meter Marker:** The push cable is marked every meter, allowing you to accurately track the distance the camera has traveled into the pipe.

4.2 DVR Functionality

- **Record Video:** Press the 'REC' button on the monitor to start recording. Press again to stop. Videos are saved to the included 32GB memory card.
- **Capture Photos:** Press the 'PHOTO' button to take still images during inspection. Photos are also saved to the memory card.
- **Playback:** Use the 'PLAY' button to review recorded videos and photos directly on the monitor.
- **Data Transfer:** The memory card can be removed and inserted into a computer for easy transfer and analysis of inspection data.

4.3 Using the 512Hz Locator

The 512Hz locator helps pinpoint the exact position of the camera probe:

1. **Activate Sonde:** Ensure the camera probe is powered on, as it emits the 512Hz frequency signal.
2. **Power On Locator:** Turn on the handheld 512Hz locator.
3. **Select Mode:** Choose between 'Far mode' (detects signals up to 23ft) or 'Near mode' (detects signals up to 13ft) based on your proximity to the expected camera location.
4. **Scan Area:** Move the locator over the ground above the pipe. The sensitivity meter and audio feedback will guide you to the camera's position. Adjust sensitivity as needed to narrow down the location.
5. **Pinpoint Location:** The strongest signal indicates the camera's precise horizontal and vertical location.

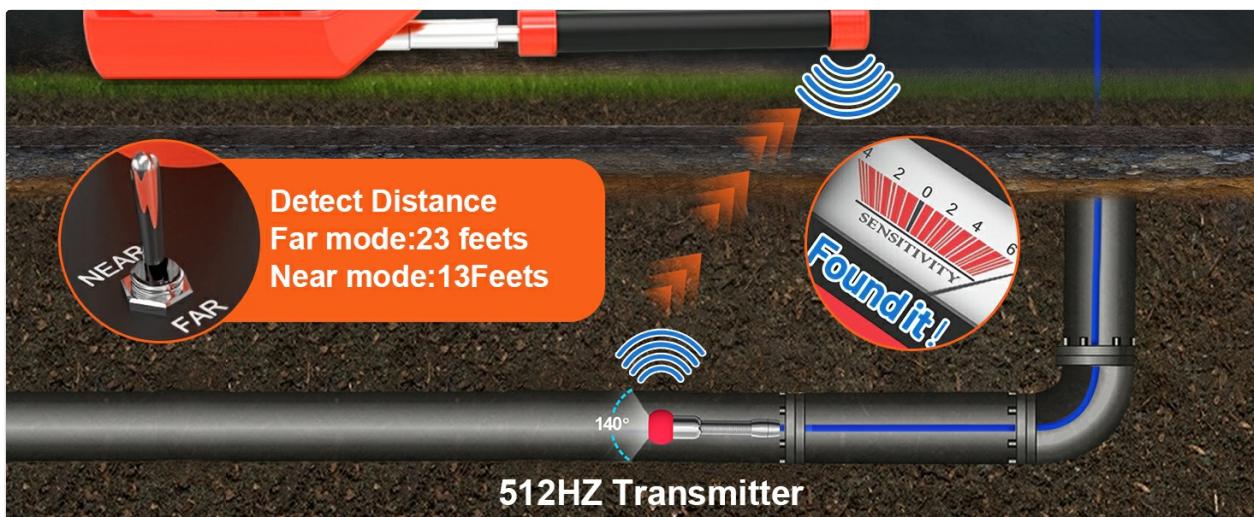


Figure 3: Locating the camera probe with the 512Hz receiver.

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Video 3: Demonstration of the 512Hz locator in action to find the camera head.

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Video 4: Overview of the sewer camera's locator, distance counter, and self-leveling features.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your inspection camera:

- **Cleaning:** After each use, clean the camera head and push cable with a damp cloth. Avoid harsh chemicals that could damage the lens or cable material.

- **Storage:** Store the system in its original carrying case in a dry, cool place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the battery regularly, even if not in use, to maintain its health. Do not overcharge or allow it to fully discharge for extended periods.
- **Cable Inspection:** Periodically inspect the push cable for any signs of wear, kinks, or damage.

6. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	Loose cable connection, low battery, camera/monitor off	Check all connections, charge battery, ensure all components are powered on.
Poor image quality	Dirty camera lens, insufficient lighting, water in lens	Clean lens, adjust LED brightness, check for water ingress (if applicable).
Locator not detecting camera	Camera sonde not active, incorrect locator mode, low locator battery	Ensure camera is on, select correct 'Far' or 'Near' mode, replace/charge locator battery.
Cannot record video/photos	Memory card full, memory card not inserted, faulty card	Check memory card, ensure it's inserted correctly, format or replace card.

7. Specifications

- **Product Dimensions:** 19.5 x 17.5 x 11.5 inches
- **Item Weight:** 22.1 pounds
- **Batteries:** 1 Lithium Ion battery required (included), 4500mAh
- **Monitor Size:** 9 inches
- **Video Capture Resolution:** 1080p
- **Media Type:** SD Card (32GB included)
- **Cable Length:** 100ft (30m)
- **Cable Diameter:** 7mm
- **Camera Lights:** 12 adjustable LEDs
- **Waterproof Rating:** IP68
- **Locator Frequency:** 512Hz
- **Manufacturer:** Anysun

8. Warranty and Support

The Anysun Sewer Inspection Camera with Locator comes with a **1-year service warranty**. If you encounter any problems or require assistance, please contact Anysun customer support. Our team is dedicated to helping you resolve any issues quickly and efficiently.

For further support, please refer to the official Anysun website or contact the retailer where you purchased the product.

