

anysun anysun-5860-8R-7C

Anysun Sewer Camera Instruction Manual

Model: anysun-5860-8R-7C | Brand: Anysun

1. INTRODUCTION AND OVERVIEW

The Anysun Sewer Camera with Locator is a professional-grade inspection system designed for detailed examination of sewer lines, drains, and other inaccessible pipes. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. It is an essential tool for plumbers, contractors, and homeowners needing to diagnose pipe issues with precision.

2. PRODUCT FEATURES

- **Integrated 512Hz Sonde Locator:** Enables easy and precise location of the camera head underground, simplifying fault identification.
- **Self-Leveling Camera Head:** The IP68 stainless steel camera automatically maintains an upright image, providing clear and consistent visuals regardless of pipe orientation.
- **Distance Counter:** An on-screen footage counter provides exact measurements of the inspection distance, eliminating guesswork.
- **Durable 7MM Thicker Cable:** The industrial-standard fiberglass push rod cable is robust yet flexible, designed for navigating various pipe conditions and resisting damage.
- **High-Resolution 9-inch 1080P IPS Monitor:** Delivers sharp, detailed visuals of pipe interiors with excellent color accuracy and clarity from any viewing angle.
- **DVR Recording Functionality:** Capture one-touch video recordings, still images, and audio with a built-in microphone. Footage is saved to an included 32GB TF card (supports up to 128GB) for later analysis or client sharing.
- **Adjustable LED Illumination:** The camera head features 12 adjustable LEDs to optimize light output for clear visibility in dark pipe environments.
- **Long-Lasting Battery:** Equipped with a rechargeable Li-ion battery providing up to 8 hours of continuous

operation.

- **Digital Zoom and Image Rotation:** Offers up to 5X digital zoom and 360-degree image rotation for detailed inspection and flexible viewing.



Figure 2.1: Main components of the Anysun Sewer Camera system, highlighting the self-leveling camera, 7mm cable, and distance counter.



(512Hz)

INCLUDES 512HZ LOCATOR

Locator makes locating easy

512Hz >>> Locating >>> Found it !

Figure 2.2: The 512Hz locator included with the sewer camera for precise underground detection.



DISTANCE
COUNTER



AUDIO
RECORD

2 IN 1

Easily track your camera travels
and record your voice to your inspection



ON-SCREEN FOOTAGE COUNTER



Note: Only support to replay
your voice records on your computer



Figure 2.3: On-screen footage counter and audio recording capability for detailed inspection reports.

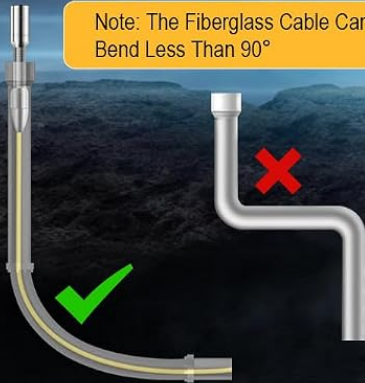
UPGRADED

THICKER,

BUT FLEXIBLE

Makes it easy to control
the camera for further pushes

Note: The Fiberglass Cable Can Not
Bend Less Than 90°



7MM

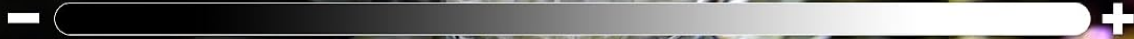
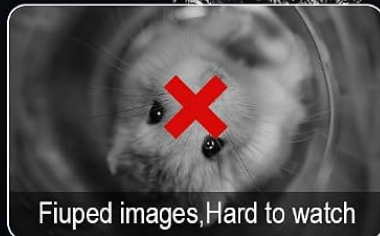
FIBERGLASS PUSHROD

Figure 2.4: Illustration of the robust 7mm fiberglass push rod cable, designed for durability and flexibility.

SELF LEVELING

IP68 CAMERA HEAD

Help you get orientation
& delivers crystal-clear imagery



0%



25%



50%



75%



100%

5 LEVEL Adjustable Brightness

Figure 2.5: The self-leveling IP68 camera head with adjustable brightness, ensuring clear and upright images.

↑ 80%
Color Accuracy

↑ 60%
Image Clarity

↑ 35%
Brigtness

9.0"

CHARGER
REC
PLAY
MENU/EXIT
>PHOTO
<ZOOM
ON/OFF
CLEAR
SIBS
L

OUR

VS

OTHERS

IPS 1080P DISPLAY

Quickly delivers sharp, detailed visuals of the pipe interiors at any viewing angle

Figure 2.6: The 9-inch 1080P IPS display providing high color accuracy, image clarity, and brightness.

PRATICAL FUNCTIONS



32GB



Figure 2.7: Overview of practical functions including 360-degree image rotation, 32GB storage, 4500mAh battery, and 5X digital zoom.

WIDE APPLICATIONS

The image is a promotional graphic for the KNYSON video inspection camera. It features a central image of the camera unit, which has a screen showing a live feed of a pipe interior. The camera is connected to a large coil of yellow cable. Surrounding the central image are six smaller images showing the camera being used in various applications: inspecting a manhole, a pool, a trench, a roof, and a building's exterior. Below the main image, there are three icons: a plus sign, a pipe pulley, and a protective cover, with the text 'Pipe Pulley' and 'Protective Cover' below them.

port on the monitor unit.

4. **Insert TF Card:** Locate the TF card slot on the monitor unit and insert the provided 32GB TF card. Ensure it is inserted correctly.
5. **Power On:** Press the 'POWER' button on the monitor unit to turn on the system. The display should illuminate, showing the camera feed.
6. **Charge Battery:** Before first use, ensure the battery is fully charged. Connect the charger to the monitor unit and a power outlet. The battery indicator will show charging status.
7. **Prepare Locator (Optional):** If using the 512Hz locator, ensure it has fresh batteries and is powered on. Familiarize yourself with its signal reception and directional indicators.

4. OPERATING INSTRUCTIONS

Operating your Anysun Sewer Camera is intuitive. Here are the key functions:

4.1 Basic Inspection

1. **Insert Camera:** Carefully feed the camera head and push rod into the pipe opening.
2. **Monitor Footage:** Observe the live video feed on the 9-inch IPS monitor. The self-leveling feature will automatically keep the image upright.
3. **Adjust Lighting:** Use the LED brightness control buttons on the monitor unit to adjust the illumination for optimal visibility.
4. **Track Distance:** The on-screen distance counter will display the length of cable deployed into the pipe.

4.2 Recording and Playback

1. **Record Video:** Press the 'REC' button to start video recording. Press again to stop.
2. **Capture Image:** Press the 'PHOTO' button to capture a still image.
3. **Record Audio:** The built-in microphone will record audio during video capture.
4. **Playback:** Enter playback mode using the 'PLAY' button. Navigate through recorded files using the arrow keys.

4.3 Advanced Functions

- **Digital Zoom:** Use the 'ZOOM+' and 'ZOOM-' buttons to digitally zoom in or out on the live image (up to 5X).
- **Image Rotation:** Utilize the image rotation function to adjust the orientation of the display as needed.
- **Using the 512Hz Locator:** When the camera head is in the pipe, activate the 512Hz sonde. Use the handheld locator above ground to pinpoint the exact location and depth of the camera by following the signal strength indicators.

5. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your Anysun Sewer Camera.

- **Cleaning the Camera Head:** After each inspection, especially when used in corrosive liquids, clean the camera head thoroughly with water. Use a soft cloth to dry the camera head completely before storage.
- **Cable Care:** Keep the fiberglass push rod cable clean and free of debris. Avoid bending the cable at sharp angles (less than 90 degrees) to prevent damage. The cable reel design facilitates easy cleaning.

- **Battery Maintenance:** Recharge the Li-ion battery regularly. Avoid fully discharging the battery frequently to prolong its lifespan. Store the unit with a partial charge if not used for extended periods.
- **Storage:** Store the entire system in its original carrying case in a dry, cool place, away from direct sunlight and extreme temperatures.
- **TF Card Management:** Regularly back up important footage from the TF card to a computer and format the card to maintain optimal recording performance.

6. TROUBLESHOOTING

If you encounter issues with your Anysun Sewer Camera, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on monitor	Loose cable connection, low battery, camera malfunction	Check all cable connections. Ensure battery is charged. Power cycle the unit.
Poor image quality	Dirty camera lens, insufficient lighting, pipe debris	Clean the camera lens. Adjust LED brightness. Clear major pipe obstructions if safe to do so.
Battery not holding charge	Battery degradation, faulty charger	Ensure charger is properly connected. If issue persists, contact customer support for battery replacement.
Locator not detecting signal	Locator battery low, camera sonde not active, too much interference	Check locator batteries. Ensure camera sonde is transmitting (refer to camera unit settings). Move away from large metal objects.
Recording issues (no video/photo)	TF card full, TF card not inserted correctly, faulty TF card	Check TF card storage. Reinsert TF card. Try a different TF card (up to 128GB supported).

7. SPECIFICATIONS

Feature	Specification
Monitor Size	9-inch IPS Display
Video Capture Resolution	1080p
Camera Head	IP68 Stainless Steel, Self-Leveling, 12 Adjustable LEDs
Cable Length	165Ft / 50M
Cable Diameter	7MM Fiberglass Push Rod
Locator Frequency	512Hz Sonde
Recording Media	Micro SD Card (32GB included, supports up to 128GB)
Battery Type	1 Lithium Ion (included)
Battery Life	Up to 8 hours

Feature	Specification
Item Weight	25.6 pounds
Package Dimensions	19.5 x 16.5 x 15.75 inches
Model Number	anysun-5860-8R-7C
Manufacturer	anysun

8. WARRANTY AND SUPPORT

Anysun is committed to providing high-quality products and excellent customer service. While specific warranty details are not provided in this manual, we offer 24/7 customer support for any concerns or assistance you may need.

For technical support, troubleshooting, or warranty inquiries, please message us at any time. Our team is ready to assist you with your Anysun Sewer Camera.