

## Sanyipace S860DSTKM

# Sanyipace S860DSTKM Self-Leveling Sewer Camera

## INSTRUCTION MANUAL

Model: S860DSTKM | Brand: Sanyipace

### 1. Introduction

---

This manual provides detailed instructions for the proper setup, operation, maintenance, and troubleshooting of your Sanyipace S860DSTKM Self-Leveling Sewer Camera. Please read this manual thoroughly before using the device to ensure safe and efficient operation.

### 2. Setup

---

The Sanyipace S860DSTKM inspection camera is designed for ease of transport and quick setup. Follow these steps to prepare your device for use:

- Unpacking and Assembly:** The unit features a robust wheel system and a retractable handle for effortless transport. Extend the handle to a comfortable height for pulling. The aluminum frame can be folded for compact storage.
- Monitor Setup:** The 10-inch IPS 1080P screen monitor is integrated into the control box. Ensure it is securely positioned for optimal viewing.
- Camera Head Connection:** Connect the camera probe to the main unit. Ensure the connection is secure and waterproof.
- Power On:** Press and hold the power button on the monitor for 3 seconds to turn on the device.

# User-Friendly Mobility with Pull Handle & Wheels



*Image: The Sanyipace S860DSTKM sewer camera with its telescopic handle extended and robust wheels, ready for transport.*

# Equipped with a Built-in Distance Counter

Displays how far the camera head has traveled inside the pipeline



*Image: A technician using the Sanypace S860DSTKM sewer camera, showing the 10-inch HD screen displaying the distance counter and camera view.*

*Video: This video demonstrates the assembly and key features of the Sanypace S860DSTKM sewer camera, including its wheeled design and retractable handle.*

## 3. Operating Instructions

The Sanypace S860DSTKM offers advanced features for comprehensive pipe inspection.

### 3.1 Display and Recording

- **10-inch IPS 1080P Screen:** Provides vivid colors and wide viewing angles for clear visuals.
- **Audio DVR:** Equipped with a built-in microphone and speaker for one-touch video/audio recording and image capture.
- **Keyboard Input:** Use the included USB keyboard to add details such as date, time, and location to recordings for easy future playback.
- **5X Digital Zoom:** Utilize the 5X digital zoom feature to inspect small defects or areas of interest more

closely.

# 10-Inch Colour Screen inbuilt with Mic and Speaker

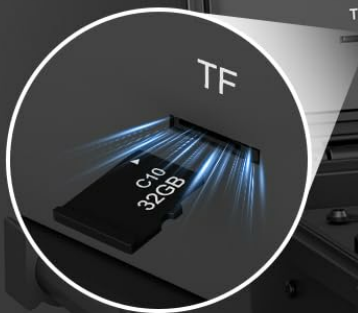
Records technician narration during inspections,  
and allows instant field playback of recorded footage



Speaker



Microphone



AHD 1080P



Save Images



Video Recording



32GB TF Card



5x Zoom

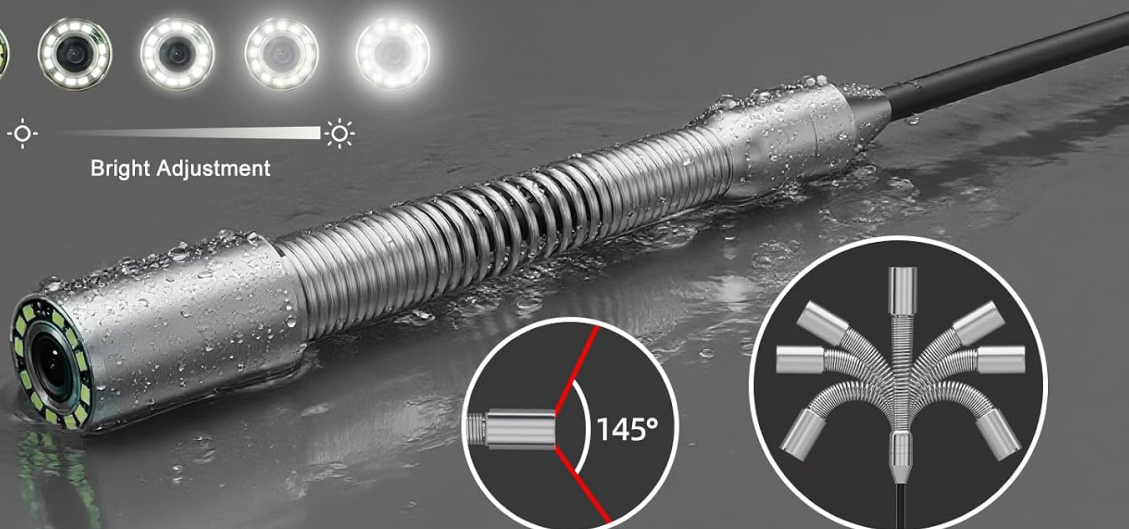
Image: Close-up of the Sanyipace S860DSTKM's 10-inch IPS screen, highlighting the built-in microphone and speaker for audio recording and playback.

# Sanyipace Self-leveling Camera Head

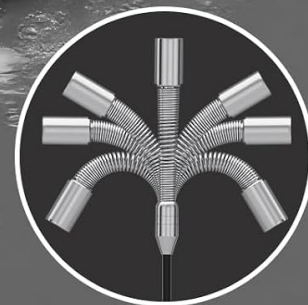
Provides an upright view of the pipeline without inverting videos and images



Bright Adjustment



Wide-angle Lighting



Flexible Camera Head

*Image: A technician utilizing the dedicated USB keyboard to input text notes directly onto the video feed during an inspection with the Sanyipace S860DSTKM.*

## 3.2 Camera Head Features

- **Self-Leveling HD Camera Probe:** The 23mm pipe camera features a self-leveling bearing that levels the deflected camera lens by gravity, ensuring an upright image at all times.
- **512Hz Magnetic Signal Transmitter:** The integrated 512Hz transmitter allows for precise location of the camera head within the pipeline using a compatible 512Hz locator (not included).
- **Adjustable LED Lights:** 12 adjustable LED lights provide ample illumination for various lighting conditions within dark drains and pipes.
- **IP68 Waterproof:** The camera head is fully waterproof, making it suitable for water-intensive environments.
- **Wide Viewing Angle:** A 145-degree field of view provides comprehensive coverage of the inspection area.

# Dedicated USB keyboard Enables Single-handed Operation

Adjust lights

Mark the video by words

Meter data reset



Image: The self-leveling HD camera probe of the Sanyipace S860DSTKM, showing its 12 adjustable LED lights and flexible design for navigating pipes.

# Built-in 512Hz Transmitter for Locating



Allow to use locator to trace the camera head's position, even through concrete or soil.



*Image: Illustration of the Sanyipace S860DSTKM's built-in 512Hz transmitter, which allows for precise location of the camera head even through concrete or soil.*

*Video: This video demonstrates the Sanyipace sewer camera's capabilities, including its 512Hz sonde for locating and self-leveling feature.*

## 3.3 Cable and Distance Counter

- **High-Strength Cable:** The sewer camera is equipped with a 7mm thick and 50m (165ft) long cable, designed for durability and flexibility in pipelines.
- **Distance Counter:** An integrated distance counter displays the length of the cable inside the pipeline on the screen, aiding in accurate fault area location.

## Equipped with a Built-in Distance Counter

Displays how far the camera head has traveled inside the pipeline



*Image: The Sanyipace S860DSTKM display showing the built-in distance counter, which indicates how far the camera head has traveled inside the pipeline.*

### 4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your Sanyipace S860DSTKM sewer camera.

- **Cleaning:** After each use, clean the camera head and cable with a damp cloth. Avoid harsh chemicals that may damage the components.
- **Storage:** Store the unit in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure the cable is neatly wound on the reel.
- **Battery Care:** Fully charge the battery before long-term storage and recharge every 3 months to maintain battery health.

*Video: This video demonstrates how to install the center guide wheels protective cover, an accessory that helps protect the camera head during inspections.*

## 5. Troubleshooting

If you encounter issues with your Sanyipace S860DSTKM, refer to the following common troubleshooting tips:

- **No Image on Screen:** Check all cable connections, ensure the camera head is properly attached, and verify the unit is powered on and fully charged.
- **Poor Image Quality:** Adjust the LED brightness on the camera head. Ensure the camera lens is clean.
- **Camera Not Moving Smoothly:** Ensure the pipe diameter is within the camera's operational range (inner diameter > 25 mm for straight tubes, > 60 mm for 90° tube arcs). Consider using appropriate camera protectors or skids for larger pipes.
- **Distance Counter Malfunction:** Check for any obstructions on the cable that might interfere with the counter mechanism.

## 6. Specifications

Feature	Specification
Product Dimensions	19.88 x 12.99 x 16.54 inches
Item Weight	33.2 pounds
Cable Length	165FT/50M
Camera Head Diameter	23 mm
Viewing Angle	145°
Screen Size	10 inches IPS 1080P
Zoom Type	Digital Zoom (5X)
Waterproof Rating	IP68
Transmitter Frequency	512Hz
Media Type	Micro SD Card (32GB included, max 128GB support)

## 7. Warranty and Support

Sanyipace is committed to providing reliable inspection camera equipment. Your Sanyipace S860DSTKM comes with a **One-year warranty**. For any technical assistance or support, please contact Sanyipace customer service. Our engineers are available to help you with any tasks or issues you may encounter.

