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## Solace P210

# Industrial Endoscopic Inspection Camera User Manual

Model: P210 | Brand: Solace

## 1. INTRODUCTION

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This user manual provides essential information for the safe and effective operation of your Solace Industrial Endoscopic Inspection Camera, Model P210. Please read this manual thoroughly before using the device and retain it for future reference.

The industrial endoscope is designed for non-destructive testing and observation in various environments. It allows for quick identification of fault points, capturing high-definition photos, and recording videos without the need for equipment disassembly or damage to parts. Its compact design and semi-flexible cable make it suitable for inspecting narrow and small areas.

**Intended Use:** This device is suitable for applications such as automotive maintenance, industrial machinery inspection, drainage system inspection, pipeline inspection, home cleaning, and appliance repair.

# *Endoscope haute définition de qualité industrielle*

√Photo/Vidéo VIP67 étanche √1920\*1080



Figure 1.1: The industrial-grade high-definition endoscope unit.

## 2. SAFETY INFORMATION

- Always ensure the device is fully charged before use to avoid interruptions during inspection.
- Do not attempt to disassemble or modify the device, as this may void the warranty and cause damage.
- Keep the device away from extreme temperatures, direct sunlight, and corrosive liquids.
- Although the probe is IP67 waterproof, ensure the main unit (screen and controls) is not exposed to water unless explicitly stated for specific models.
- Use only the provided charging cable and adapter to charge the device.
- Store the device and accessories in a dry, safe place when not in use.
- Keep out of reach of children.

## 3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- Industrial Endoscopic Inspection Camera (Main Unit with integrated probe)
- User Manual
- Charging Cable
- Accessory Kit (e.g., hook, magnet, side-view mirror - *specific accessories may vary*)



**Figure 3.1:** Contents of the product package, including the endoscope unit, user guide, and accessory tools.

## 4. PRODUCT OVERVIEW

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Familiarize yourself with the components and controls of your endoscope camera.



**Figure 4.1:** Front view of the endoscope camera with its integrated screen and flexible probe.

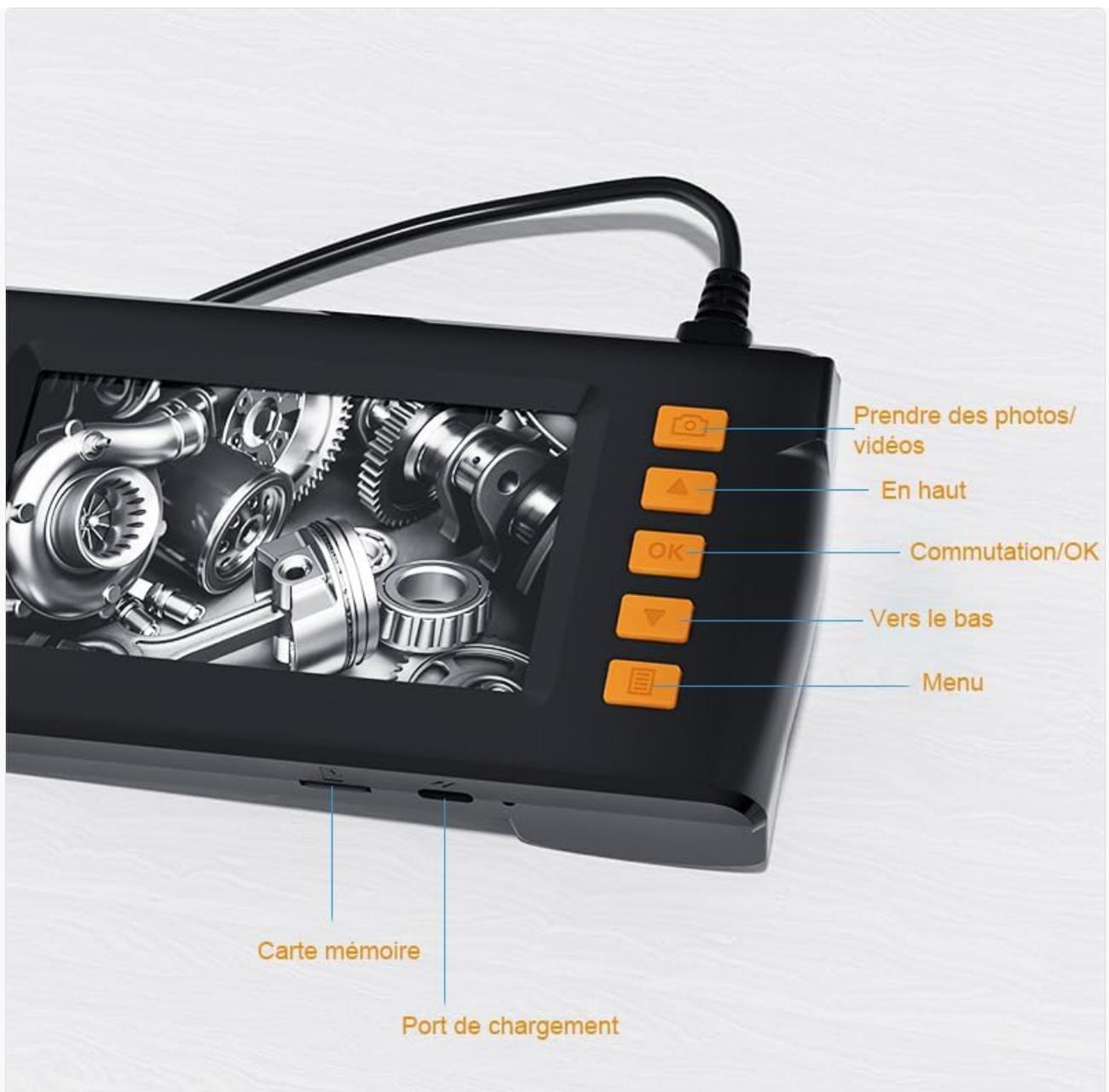


Figure 4.2: Labeled diagram of the endoscope's control buttons and ports.

- **4.3-inch IPS Display:** High-definition screen for real-time viewing of images and videos.
- **Flexible Probe:** Semi-rigid cable with an 8mm diameter camera head, designed to navigate tight spaces.
- **LED Lights:** 8 adjustable LED lights on the camera head for illumination in dark environments.
- **Control Buttons:**
  - **Photo/Video Button:** To capture images or start/stop video recording.
  - **Up/Down Buttons:** For navigation in menus or adjusting LED brightness.
  - **OK/Switch Button:** To confirm selections or switch camera views (if applicable).
  - **Menu Button:** To access device settings.
- **Memory Card Slot:** For inserting a microSD card to store captured media.
- **Charging Port:** For connecting the charging cable.



**Figure 4.3:** Detail of the camera probe head with integrated LED illumination.

# Écran LCD couleur de 4,3 pouces

Restaurez les vraies couleurs pour rendre l'image plus remarquable

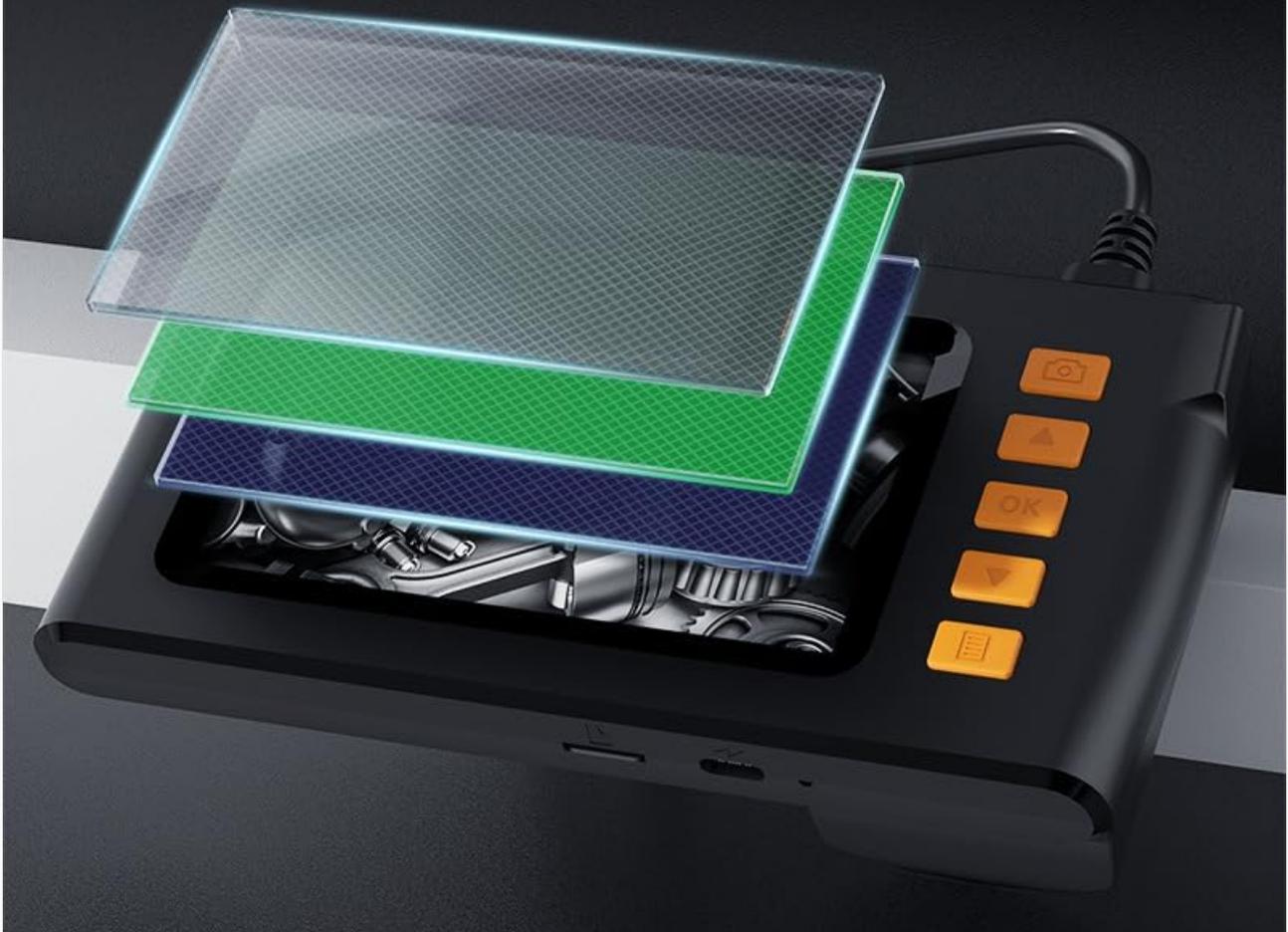


Figure 4.4: Visual representation of the 4.3-inch color LCD screen's display capabilities.

## 5. SETUP

1. **Charge the Device:** Before first use, fully charge the endoscope camera. Connect the charging cable to the device's charging port and a suitable USB power source. The charging indicator will show the charging status.

# Capacité de batterie très grande

3-4 heures de temps de travail



Figure 5.1: Charging the device and battery capacity information.

2. **Insert Memory Card:** If you intend to save photos or videos, insert a compatible microSD card (not included) into the memory card slot. Ensure it is inserted correctly.
3. **Attach Accessories (Optional):** If needed, attach the appropriate accessory (e.g., hook, magnet) to the camera head for specific tasks.

## 6. OPERATING INSTRUCTIONS

1. **Power On/Off:** Press and hold the Power button (usually integrated with the OK button or a dedicated button) to turn the device on or off.
2. **Live View:** Once powered on, the screen will display the live feed from the camera probe.
3. **Adjust LED Brightness:** Use the Up/Down buttons to adjust the brightness of the LED lights on the camera head for optimal visibility in dark areas.
4. **Capture Photos:** Press the Photo/Video button once to take a still photograph. The image will be saved to the inserted memory card.
5. **Record Videos:** Press and hold the Photo/Video button to start video recording. Press it again to stop recording.

Videos will be saved to the memory card.

6. **Access Menu:** Press the Menu button to enter the device settings. Use the Up/Down buttons to navigate and the OK button to select options. Settings may include language, resolution, date/time, and formatting the memory card.
7. **Review Media:** In the menu, select the "Gallery" or "Playback" option to view captured photos and videos.
8. **Navigating the Probe:** Gently guide the semi-flexible probe into the inspection area. The TPE material of the cable allows it to be bent and shaped to reach desired locations.

## 7. MAINTENANCE

- **Cleaning the Lens:** After each use, especially in dirty environments, gently wipe the camera lens with a soft, dry cloth. For stubborn dirt, use a lens cleaning solution.
- **Cleaning the Probe:** The IP67 waterproof probe can be wiped clean with a damp cloth. Ensure it is dry before storage.
- **Cleaning the Main Unit:** Wipe the screen and main unit with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the device in its original packaging or a protective case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use for extended periods.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device malfunction.	Charge the device fully. If it still doesn't turn on, contact customer support.
No image on screen.	Camera connection issue; screen settings.	Ensure the probe is securely connected (if detachable). Check menu settings for display options. Restart the device.
Cannot save photos/videos.	No memory card; memory card full; memory card error.	Insert a compatible microSD card. Delete unnecessary files or replace the card. Format the card via the device menu (this will erase all data).
Image is too dark/bright.	LED brightness not adjusted.	Use the Up/Down buttons to adjust the LED brightness.
Device freezes or becomes unresponsive.	Software glitch; low battery.	Press and hold the Power button to force a restart. Charge the device.

## 9. SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model	P210
Brand	Solace
Display	4.3-inch IPS Color LCD
Camera Resolution	1920 x 1080 P (1080p)
Probe Diameter	8 mm
Viewing Angle	60°
Waterproof Rating	IP67 (for probe)
Illumination	8 Adjustable LED Lights
Battery Type	Integrated UN3481
Battery Capacity	2600 mAh
Working Time	3-5 hours (approx.)
Storage	MicroSD Card (not included)
Color	Black
Package Dimensions	15 x 9 x 5 cm
Weight	460 grams

## 10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. For specific details regarding warranty coverage and duration, please refer to the warranty card included in your package or contact Solace customer support.

**Customer Support:** If you encounter any issues or have questions regarding your Solace Industrial Endoscopic Inspection Camera, please contact our customer support team. Refer to the contact information provided on the product packaging or the official Solace website.

**Returns Policy:** If you wish to return a product within 30 days of receipt because you have changed your mind, please consult the retailer's help page. If you have received a defective or damaged product, please consult the retailer's help page on returns and refunds. For specific information on purchases made on the Marketplace, please consult the relevant help page.



## Related Documents - P210

	<p><a href="#">Sunnysoft P210 Endoscope Camera User Guide   Features, Specs, and Operation</a></p> <p>User guide for the Sunnysoft P210 endoscope camera. Features a 4.3-inch LCD, 1080P resolution, IP67 waterproof camera, 5-500cm focal length, and 2600 mAh battery. Ideal for automotive, industrial, and home inspections.</p>
	<p><a href="#">PeriPage P21 Thermal Printer User Manual</a></p> <p>User manual for the PeriPage P21 thermal printer, covering setup, operation, charging, cleaning, and safety information.</p>
	<p><a href="#">P210 TWS Bluetooth Earphones: User Manual and Specifications</a></p> <p>Comprehensive instruction manual for the P210 TWS Bluetooth Earphones by Dongguan Genai Technology Co., LTD. Covers product parameters, touch controls, charging, wireless connection, precautions, and FCC compliance.</p>
	<p><a href="#">P210 TWS Earbuds User Manual and Specifications</a></p> <p>This document provides product parameters, operating instructions, and FCC compliance information for the P210 TWS Earbuds by Dongguan Three Fireflies Trading Co., Ltd. Learn about wireless connectivity, battery life, touch controls, and charging.</p>
	<p><a href="#">AFERIY AF-P210 Portable Power Station User Manual</a></p> <p>User manual for the AFERIY AF-P210 Portable Power Station, detailing its features, operation, safety precautions, and troubleshooting.</p>
	<p><a href="#">AFERIY AF-P210 Portable Power Station User Manual</a></p> <p>User manual for the AFERIY AF-P210 Portable Power Station, detailing its features, operation, troubleshooting, and specifications.</p>