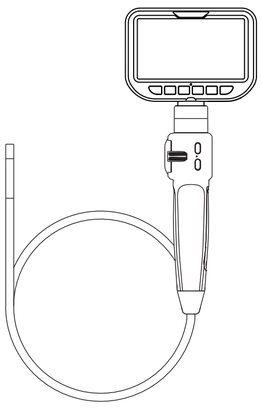


For more language versions of the manual, please
scan the QR code below to view/download.

Matco Tools
4403, Allen Road, Stow, OH 44224-1096, U.S.A.
Tel: (866) BUY-TOOL
Matco Website: http://www.matcotools.com

User Manual

English

Electrical Safety

Do not expose the endoscope to rain or damp environments.

Personal Safety

- Do not use this product when fatigued or under the influence of medication.
- It is advisable to wear necessary protective gear when using this industrial endoscope.
- Avoid overreaching and maintain a balanced stance while operating the product.

Usage and Care of the Industrial Endoscope

- This industrial endoscope (visual inspection camera device) is intended solely for industrial inspection and is not suitable for medical use or human examination.
- When not in use, keep the endoscope out of reach of children, and do not allow untrained personnel to operate it.
- For maintenance, ensure that moving parts are aligned and secured; any damaged parts or other issues could affect its effective use.
- Do not use the portable industrial endoscope if it emits smoke or gas. If damaged, repair it before further use.
- Operate the portable industrial endoscope, accessories, and tools according to the manual, considering the working conditions.

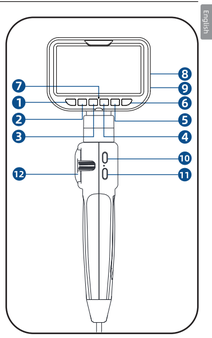
General Safety Information

Thank you for choosing our portable industrial endoscope. This globally patented product should be used only after carefully reading the operation manual.

Safe Operating Conditions

- Keep the working area clean, as cluttered or dark areas are prone to accidents.
- Do not use the portable industrial endoscope in explosive environments, such as where flammable liquids, gases, or dust are present.
- Avoid using the portable endoscope near live wires or energized objects, as exposed metal parts of the tool could cause electric shock.
- Do not use the endoscope near moving machinery.
- Avoid using it near any heat sources.
- When operating the portable industrial endoscope, keep children and bystanders at a safe distance.

Product Introduction



1 Power Button
Press the power button for about 3 seconds to turn on the device. When the power is on, the camera will automatically enter camera mode.

2 Menu
In the preview interface, tap to enter the menu, and tap again to exit the menu.

3 Up/Zoom Button
In the preview interface, tap to zoom in the image by X2 or X4. In the menu interface, tap to move the cursor up; long press to move the cursor up quickly.
If the product has dual cameras, hold the button in the preview interface to switch among camera modes: front, side, and front + side display modes.

4 Down/Rotate Button
In the preview interface, tap to mirror or rotate the real-time image and UI by 180°. In the menu interface, tap to move the cursor down.

5 OK Button
In the preview interface, tap to take a photo; in video recording mode, tap to start recording, and tap again to stop recording.

6 Mode: Photo/Video/Album
In the preview interface, tap to enter video recording mode, and tap again to enter the album.

7 Charging Indicator Light
The blue light turns on when the device is powered on. The red LED stays on while charging, and the blue LED stays on when fully charged.

8 TF Card Slot
Supports TF cards up to 32GB.
If not using the original memory card provided with the device, please format the TF card before the first use.

9 Type-C Charging Port
Used for charging
(Type-C cable connected to an adapter)
Used for data transfer
(Type-C cable connected to a PC).

10 Photo/Video Button
In the preview interface, tap to take a photo; long press for 3 seconds to switch from photo mode to video mode, tap to start recording. Tap again or tap the OK button to stop recording and save the video.

11 LED Light Button
Tap the button to adjust brightness, with 3 levels of brightness. The 4th tap turns off the LED light

12 Steering Wheel
Rotate the wheel to adjust the camera angle accordingly.

Icon Description

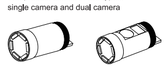
Preview Interface

Note:
The device will automatically shut down for high-temperature protection when either the camera probe's working temperature or the ambient temperature reaches 90°C. Only the camera probe part is waterproof.

Album Interface

Camera

The product comes in two types:
single camera and dual camera



Single Camera Dual Camera

1. If the product has dual cameras, a camera icon will appear in the top left corner of the preview interface. By long-pressing the button on the device, you can switch among the camera modes: Front Side Front + Side display modes.
2. If the product is single camera, the camera icon will not be displayed on the screen.

OSD Settings

Language Settings

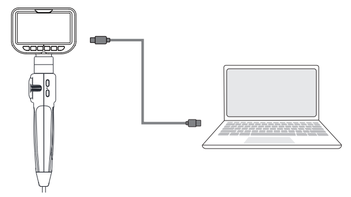
1.Press the button (Menu button) to display the selection menu. The first item is the language settings. Press the **OK** button to confirm, and the language options will appear.
2.Use the button to select the "Language" menu item.
3.Press the **OK** button(OK button) to confirm the selection.
4.Press the button (Menu button) to return to the image preview interface.

Viewing Photos/Videos

1.In the preview interface, press the **M** button twice to enter the album.
2.Press the button to select a photo or video, and press the **OK** button to play or pause the video.
3.Press the **M** button to return to the album, and press it again to return to the preview interface.

Taking Photos/Recording Videos

1.(In the preview interface) Press the button on the handle to take a photo.
2.Long press the button or press the **M** button to switch to video recording mode. Press the button or the **OK** button to start recording. Press again to stop recording the video.



Copying Photos/Videos to Your Computer

Press the TF card on the right side of the screen until it pops out from the display. Use a card reader to insert it into your computer, find the USB flash drive in "My Computer," and copy the desired files to your computer.

Packing List

GS2410231	Type-C Charging Cable	User Manual

Specification

Specifications		Model
		GS2410231
Display	Screen	5.0" IPS
	Menu Languages	Simplified Chinese Traditional Chinese Japanese English Korean French Russian Spanish German
	Functions (Photo/Recording/ Playback/Image Rotation)	√
	TF Card (Max 32GB)	√
	Real-time Temperature	√
Camera & Probe	Camera Resolution	1280*720
	Turning Radius	25mm
	Turning Angle	Two-way 180°
	Turning Life	≥20000 times
	Snake Tube Length	1M/2M/3M/Customizable
	Lens Diameter	3.9mm
	Field of View (FOV)	78°
	Depth of Field (DOF)	20~60mm
	Adjustable LED Light	High-lumen LED bulbs
	Waterproof	IP67
	High-Temperature Protection: Automatically shuts off over 90°C	√
Packaging	Box Dimensions	42.2*21.5*8.5cm
	Carton Dimensions	47.5*46*44.5cm
Operating Environment	Battery Charging	DC5V*2A; 8.14Wh
	Working Time	Approx 4 hours
	Temperature & Relative Humidity	-10°C~50°C; Less than 90%
Certifications	CE; FCC; ROHS; Patents	√