

#820022

Instructions

Endoscope camera with screen



SONIC-EQUIPMENT.COM



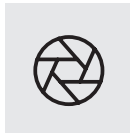
INSTRUCTION

Congratulations on the purchase of your Sonic endoscope camera. Please read the instructions carefully before using the product. This product is a practical tool for real time video viewing, video recording and image capture. This endoscope is suitable for narrow areas and areas cannot be observed by sight, such as: car maintenance, sewer inspection / maintenance, etc.

- 2.8-inch full-color high-definition IPS screen, you can view the test video in real time.
- Cameras have up to 1080P resolution for image capture and video recording.
- Including a micro SD card 32GB, to realize the file storage function.
- High sensitivity camera with clear image quality, suitable for different working environments.
- Over-the-horizon lens technology, the visible distance is 5-500cm.
- 6 adjustable LED light for easy use in dark environments.
- Camera lens IP68 waterproof.
- Tool for inspection of areas that are unviewable to the human eye.



1920x1080



5.5 mm



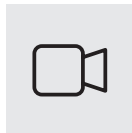
1.0M Pixels



2 mtr



IP68



Video



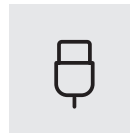
Photograph



Micro SD slot



IPS screen



USB-C cable



USB C cable included.
Recommended charger: Input: 5V DC 1A



CE FC RoHS

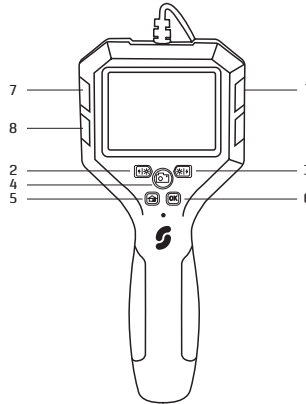


ITEMS INCLUDED

- Endoscope camera with screen
- User guide
- Charging cable
- Accessories hooks, magnets, side mirrors, replacement clips
- Micro SD card 32GB

FUNCTION GUIDE

1. Switch on / off
2. Up / Lights up
3. Down / light dimmed
4. Photo / Video
5. Menu / Return
6. Confirm / OK
7. SD card slot
8. Charging interface



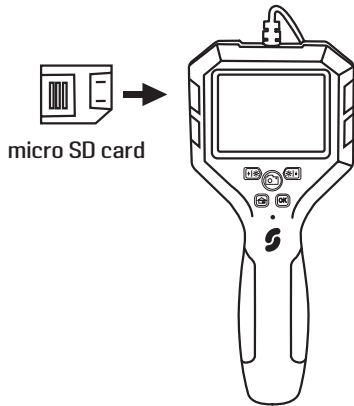
FEATURE GUIDE

- Press button 1 to turn on the endoscope.
- The SD card slot: supports up to 128GB micro SD cards and only micro SD cards at level 10 or in higher FAT32 format. [*SD cards, which are not in FAT32 format, will be automatically formatted to FAT32 format when inserted into the device].
- Press button 4 shortly to make a picture, press longer to record a video.
- Menu button: short press to enter the menu page, you can use the “up”, “down” and “OK” buttons to select and view: gallery / video / resolution / language / screen brightness / screen flip / time setting / time stamp / format / update / reset.



USER MANUAL

- Basic operation
Insert the micro SD card into the SD card slot, press gently until the card is locked.



[Note: Class 10 micro SD card must be inserted to record and store pictures and videos].

- Turn on the product, you will see a real-time image in dual-lens mode.
- Short press to take a photo, long press to record video, press again to stop recording.

TECHNICAL SPECIFICATIONS

Item number	#820022 / P10
Display	2.8 inch color IPS HD display
Camera resolution	1920*1080
Camera diameter	5.5mm
Horizontal perspective	70°
Focal length	5 - 500cm
Cable length	2M
Battery	2000mAh real Li-battery
Waterproof lens	IP68
Operating temperature:	Up to 70 degrees Celsius, do not exceed.
Weight	390 gram
L x W X H	238 x 128 x 67mm
Language	English, Chinese, Japanese, French, German, Czech, Portuguese, Polish, Dutch, Turkish



SAFETY INSTRUCTIONS

It is forbidden to use this endoscope for medical or human and animal testing.

It is forbidden to use or store in explosive, strong electromagnetic field, flammable, corrosive places, otherwise it may cause fire, explosion, equipment damage.

It is forbidden to work with the detected object under power, to avoid electric shock.

Do not directly touch the end of the probe, especially after the endoscope is used in a high temperature environment, touching the end at this time may cause burns.

Engine Cooling: Before using an endoscope to inspect a car engine, ensure that the engine is cool. This can prevent damage to the equipment or personal injury from high temperatures.

Temperature Limits: During inspections, the temperature in the inspection area of the engine should be less than 70°C. If the temperature is too high, it may damage the CCD probe component of the endoscope.

Safety Use Conditions: Portable industrial endoscopes should be avoided in explosive environments, environments with flammable liquids, gases, or dust, and areas where there may be contact with two live electrical objects. Additionally, endoscopes should be avoided to use in areas near heat sources.

Q&A

Issue	Solution
Device cannot be turned on	1. Is the battery charged? 2. Is the power connected successfully?
SD card reading failed	1. Is the format of the memory card correctly? *This device only supports FAT32 file format. 2. Reinsert the card.
Device crashes	Reboot to reset.
Smudges on the screen	Carefully clean the screen with a soft cloth.
Can't charge	Plug into the DC input port of the device, make sure the cable is connected properly.

FCC INFORMATION

This device complies with Part 15 of the FCC Rules.

The following two conditions are met:








- 1 This device may not cause harmful interference.
- 2 This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

EUROPEAN UNION ENVIRONMENTAL PROTECTION

This endoscope may not be disposed with household waste.

Please consult your local government or retailer for recycling advice.



	Before any use, refer to the corresponding section in this user manual.
	Conform to CE safety standards.
	The crossed-out wheeled bin symbol indicates that the item should be disposed of separately from household waste. The item should be handed in for recycling in accordance with local environmental regulations for waste disposal. By separating a marked item from household waste, you will help reduce the volume of waste sent to incinerators or land-fill and minimize any potential negative impact on human health and the environment.
 RoHS	This symbol indicates that no hazardous substances are used.
	Recyclable packaging symbol. Environmental responsibility.
	Class II machine - Double insulation.
 UK CA	UK Conformity Assessed

EU DECLARATION OF CONFORMITY (No. 2024/002)

This Declaration of Conformity is issued under the sole responsibility of the manufacturer

Company name	Sonic Equipment B.V.
Full address	Component 114 - 116 1446 WP Purmerend
Country	The Netherlands

IDENTIFICATION OF ELECTRICAL EQUIPMENT

Name:	Endoscope camera with screen
Function/intended use:	Tool for inspection of areas that are unviewable to the human eye
Type/model: Batch/ serial:	820022/P10 Taking the form of: YYWwwxxxx Where: Y - refers to the year W - fixed value ww - refers to the week produced xxxx - refers to a sequential unique identifier for each unit. Applicable range; 0001 to 9999.



In conjunction with the following relevant harmonised standards or technical specifications:
EN-IEC 63000:2018, EN 55032:2015, EN 55035:2017, EN-IEC 60529:1992/C2:2016.

Signed on behalf the manufacturer by:

Place of issue: Purmerend

Identity: Mr. Remko Papenburg
Function: CEO





Country: The Netherlands
Date of issue: 27th August 2024

Signature:

ARE YOU READY?

**WORK
EFFICIENT
WORK
WITH SONIC**

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