尺寸：140*105MM
正反印刷 折页

Industrial Endoscope

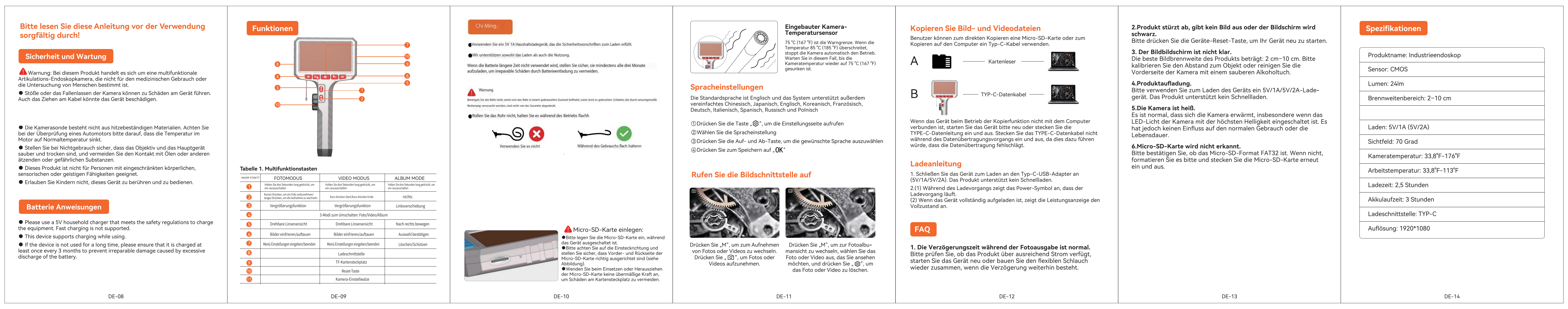
Manual

Catalog

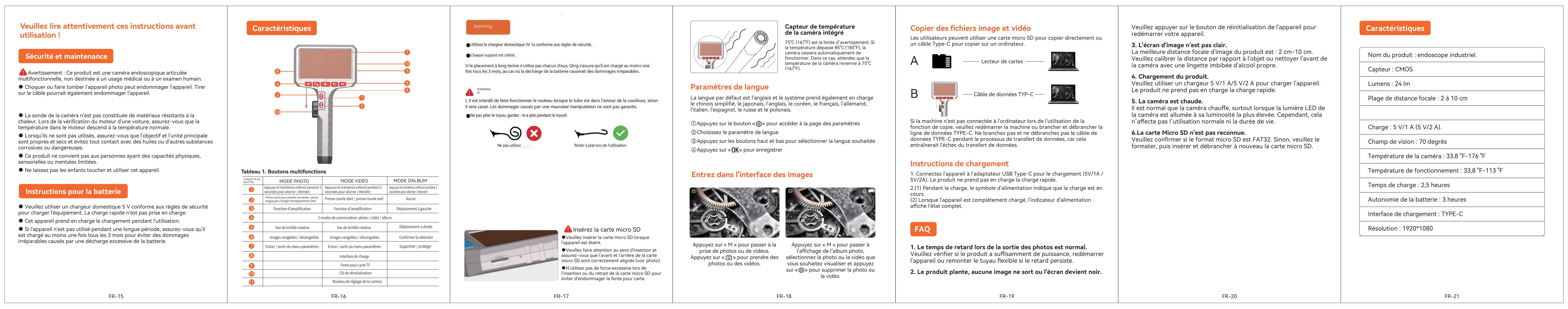
中文 .... 01~07
Deutsch .... 08~14
Français .... 15~21
English .... 22~28
Italiano .... 29~35
日本語 .... 36~42
俄语 .... 43~49

中文

德语



法语



英语

Please read this manual carefully before use!

Safety and Maintenance

⚠ Warning: This product is a Multifunctional Articulating Borescope camera and is not intended for medical use or human examination.

- Striking or dropping the camera may cause damage to the device. Pulling the cable could also damage the device.
- The camera probe is not made of heat-resistant materials. When checking an automobile engine, please ensure that the temperature in the engine drops to normal temperature.
- When not in use, please ensure that the lens and the main unit are clean and dry, and avoid contact with oils or any corrosive or dangerous substances.
- This product is not suitable for people with limited physical, sensory or mental abilities.
- Do not allow children to touch and operate this device.

Battery Instructions

- Please use a 5V household charger that meets the safety regulations to charge the equipment. Fast charging is not supported.
- This device supports charging while using.
- If the device is not used for a long time, please ensure that it is charged at least once every 3 months to prevent irreparable damage caused by excessive discharge of the battery.

Functions

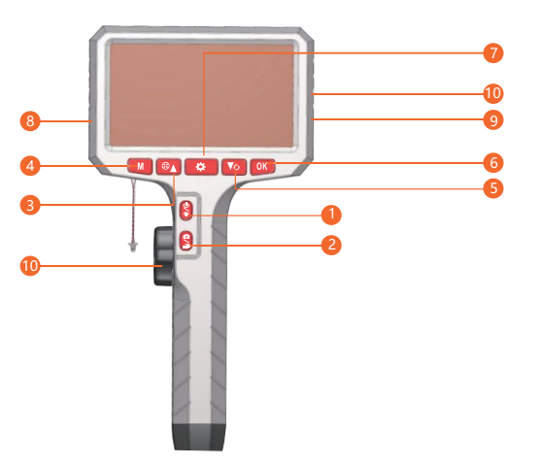


Table 1. Multi-function buttons

BUTTON LABEL	PHOTO MODE	VIDEO MODE	ALBUM MODE
①	Press and hold for 3 seconds to turn on/off	Press and hold for 3 seconds to turn on/off	Press and hold for 3 seconds to turn on/off
②	Short press to take a photo/long press to switch recording	Short press start/short press end	nothing
③	Magnification function	Magnification function	Left shift
④	3 modes to switch: photo/video/album		
⑤	Rotating lens view	Rotating lens view	Move to the right
⑥	Freeze/Thaw Images	Freeze/Thaw Images	Confirm selection
⑦	Enter/Exit Settings Menu	Enter/Exit Settings Menu	Delete/Protect
⑧		Charging interface	
⑨		TF card slot	
⑩		Reset button	
⑪		Camera adjustment roller	

Chi Ming

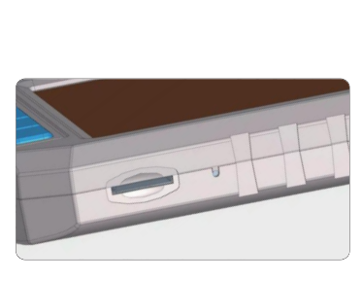
- Use a 5V 1A household charger that complies with safety regulations for this charge.
- We support both charging and using.

If the battery is not used for a long time, make sure to charge it at least once every 3 months to prevent irreparable damage caused by battery discharge.

⚠ warning

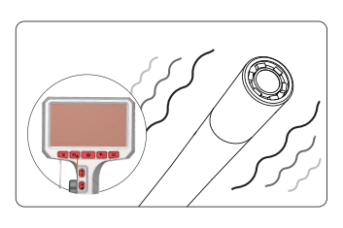
) It is forbidden to operate the roller during the rolling of the tube, otherwise it will be broken. Damage caused by improper operation is not covered by warranty.

- Do not roll the tube, keep it flat during operation



⚠ Insert Micro SD card:

- Please insert the Micro SD card while the device is powered off.
- Please pay attention to the insertion direction and ensure front and back sides of Micro SD card are oriented correctly (see image).
- Do not use excessive force when inserting or pulling out the Micro SD card to prevent damage to the card slot.



Built-in camera temperature sensor

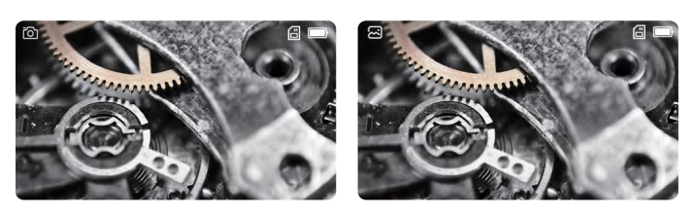
75℃ (167℉) is the warning line and if the temperature exceeds 85℃ (185℉) the camera will stop working automatically. If this happens, wait for the camera temperature to fall back to 75℃ (167℉).

Language Settings

The default language is English, and the system also supports Simplified Chinese, Japanese, English, Korean, French, German, Italian, Spanish, Russian, Polish

①Press "⚙" button to enter the settings page
②Select the language setting
③Press the up and down button to select the desired language
④Press "OK" to save

Enter the Picture Interface

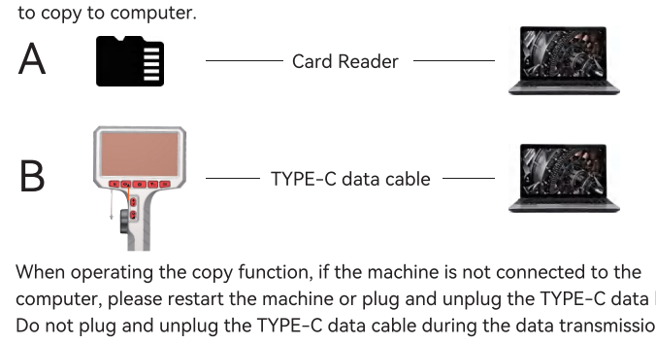


Press "M" to switch to take photo or video, press "📷" to take photo or video.

Press "M" to switch to photo album viewing, select the photo or video that you want to view, press "⚙" to delete the photo or video.

Copy Picture and Video Files

Users may use a Micro SD card to copy directly, or use a Type-C cable to copy to computer.



When operating the copy function, if the machine is not connected to the computer, please restart the machine or plug and unplug the TYPE-C data line. Do not plug and unplug the TYPE-C data cable during the data transmission process, which will cause the data transmission to fail.

Charging Guide

1. Connect the device to the Type-C USB adapter for charging (5V⎓1A/5V⎓2A). The product does not support fast charging.

2.(1) During the charging process, the power symbol indicates that the charging is in progress;
(2) When the device is fully charged, the power display shows the full state.

FAQ

1.Lag time is normal during photo output.
Please check whether the product has sufficient power, or restart the device, or reassemble the flexible conduit if lag continues.

2.Product crashes, does not output a picture or the screen turns black.
Please press the device reset button to restart your device.

3.Imaging screen is not clear.
The best imaging focal length of the product is: 2cm-10cm. Please calibrate the distance to the object, or clean the front of the camera with a clean alcohol cloth.

4.Product charging.
Please use 5V⎓1A/5V⎓2A charger to charge the device. The product does not support fast charging.

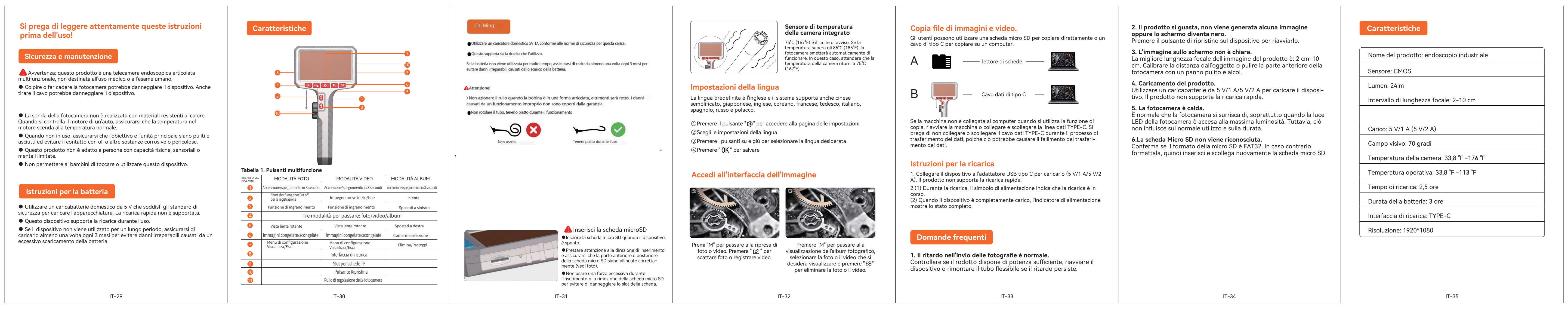
5.The camera is hot.
It is normal for the camera to heat up, especially when the camera LED light is on at the highest brightness. But it does not affect normal use or service life.

6.Micro SD card can not be recognized.
Please confirm whether the Micro SD format is FAT32. If not, please format it and plug and unplug the Micro SD card again.

Specifications

Product name: Industrial endoscope
Sensor: CMOS
Lumen: 24lm
Focal length range: 2-10cm
Charging: 5V/1A (5V/2A)
Field of view: 70 degrees
Camera temperature: 33.8℉-176℉
Working temperature: 33.8℉-113℉
Charging time: 2.5 hours
Battery life: 3 hours
Charging interface: TYPE-C
Resolution: 1920*1080

意大
利语



日语

俄语