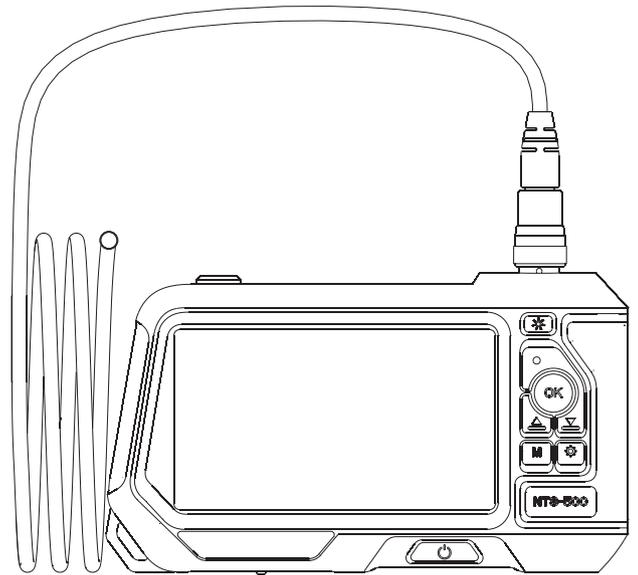


NTS500 Industrial Endoscope



Product manual

The NTS500 is a high performance industrial endoscope with a 5-inch highdefinition color LCD. It is ergonomically designed so that the main functional buttons can be controlled with one hand. The Snapshot and recording functions are supported, photos and videos can be saved on TF memory card (Micro-SD card). This product integrates high-brightness illumination, backlight on buttons and auxiliary LED lights for camera probe, so that the product can be used normally and even in dark environments. The built-in 3500mAh rechargeable lithium battery allows 4 hours of continuous operation.

The camera tipped probe is interchangeable, it can connect to different probes with different lengths, diameters, view angles and focal lengths for different uses.

Warning: This product is an industrial endoscope camera and is not intended for medical use or human examination.

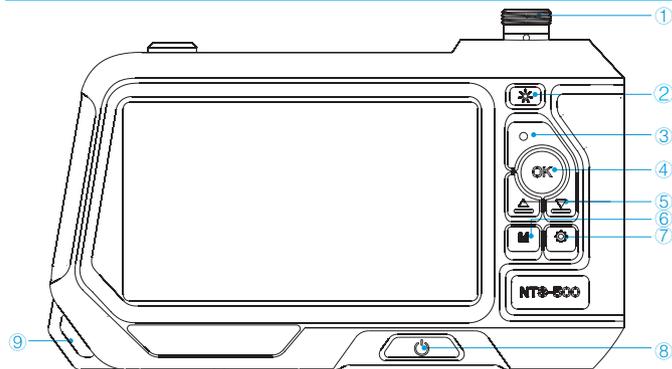
Safety and maintenance

- Please do not violently hit the camera probe, and do not imprudently pull the cable.
- When the product is used in the environment with sharp staff, please be careful to prevent the probe's waterproof protective layer from being scratched during usage.
- The camera probe adopts materials which are not resistant to high temperature. When checking the vehicle engine, please ensure that temperature inside the engine drops to the normal temperature.
- When the product is not in use, Please keep Probe and NTS500 clean and dry away from oil or other corrosive dangerous materials.
- This product is not suitable for people with limited physical, sensory or mental capabilities to use it.
- Please do not allow children to touch or operate this device.
- If the device is damaged, do not disassemble it by yourself. Please contact the seller or the agent where you bought it to get repair service.

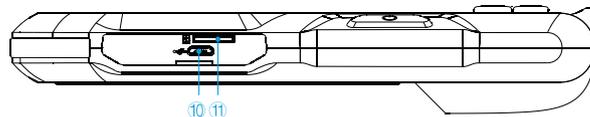
Battery description

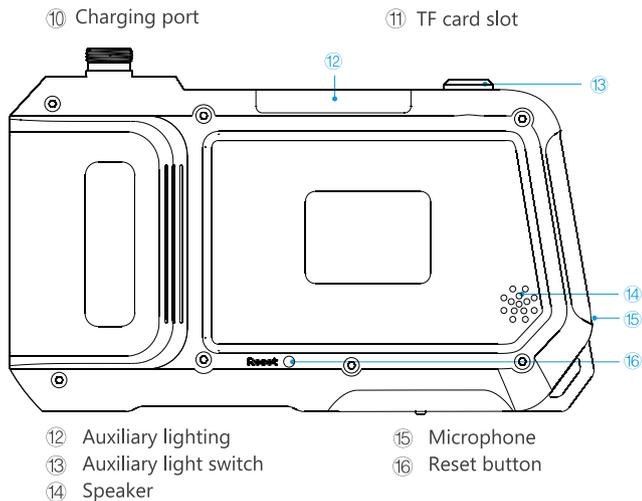
- Please use 5V household charger that meets the safety regulations to charge this device.
- This device can work while charging.
- If you do not use the device for a long time, please ensure that it is charged at least once every 3 months to prevent irreparable damage caused by excessive battery discharge.

Functions

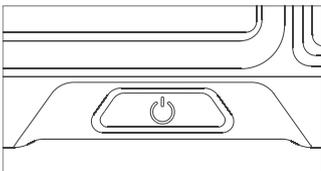


- ① Camera probe connector
- ② Light control button: To adjust the the LED's brightness of the camera.
- ③ Snap button: Photo taking/Start video recording/End video recording
- ④ Enter button: Confirm selection/freeze screen
- ⑤ Up and down selection button
- ⑥ Mode switch button: switch between three function modes: Photo taking, video recording and playback
- ⑦ Settings button: enter/exit settings menu
- ⑧ Power button: long press to turn on/off
- ⑨ Hanging ring

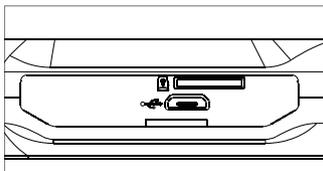




Instructions



Long press the power button to turn on/off device



The device is equipped with a TF memory card(inserted). Gently press to eject the card.



Connect soft cable port with the host port (indicating the alignment of the mark) and turn it clockwise until it locks.

Note: Connect camera probe before turning on device.Restart device after replacing camera probe.

Insert TF card:

- Please power off device first before TF card.
- Please make sure the direction and the front and back sides is correct when insert the TF card.
- Do not use excessive force when inserting or removing the TF card to prevent damages of card slot structure.

Mode: Press **[M]** to switch the three modes: photo taking/video recording/playback

TF card status: TF card inserted/no card



Date and time: modify the date and time in Settings menu

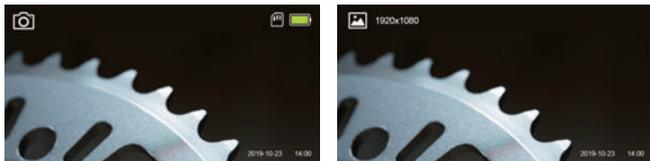
Language settings

The default language is English, and the system supports English, Chinese, German, French, Spanish, Italian, Russian, and Japanese.

Setting path:

- Press the  button twice to enter setting page
- Select second item (Language) on settings page
- Press up and down keys to select the language you need
- Press  to save your choice

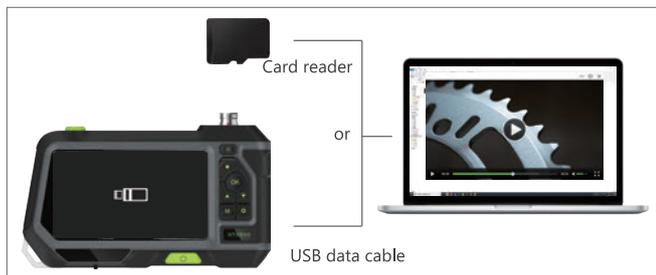
Photo taking/Video recording/Playback



Press  to switch to the photo taking or video recording mode, and press  to take a photo or start recording.

Press  to switch to playback mode, press   to select photo or video to view, and press  to delete photo or video.

Copy photo and video files to computer



You can use a TF card reader to copy data directly or use a USB cable to connect to a computer for copying.

 Please pull out probe camera first before using USB cable.

Specification parameters

	NTS500
Screen	5-inch color LCD
Screen resolution (Pixels)	1280×720
Supported probe resolution (Pixels)	1280×720
Snapshot resolution (Pixels)	1920×1080
Video Recording resolution (Pixels)	1280×720
Port	Micro USB charging port, TF memory card slot
LED flashlight	The device integrates 4 high-brightness LED lights
Battery	3500mAh rechargeable lithium battery
Operating temperature	32°F~113°F(0°C~45°C)
Charging time	3~4 hours (if USB 5V 1A charger)
Battery life	2~4 hours
Certificate	CE FCC RoHS
Languages	English, Chinese, German, French, Spanish, Italian, Russian, Japanese
Packaging	Device, camera tipped probe, Micro-USB charging cable, user manual, portable toolbox