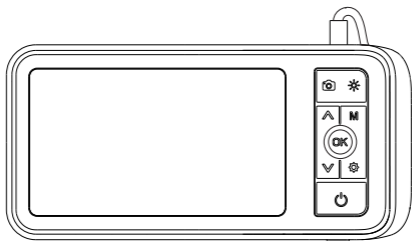



# TESLONG

NTG450H Rifle Borescope User Manual



## Product Manual

Teslong NTG450H, a Rigid Rifle Borescope with a 4.5inch high definition color IPS display screen. This borescope has a 26inch rigid camera probe and a 0.2inch diameter camera, which make it easy to access into any .22 and larger caliber barrel. With a detachable side-view mirror, users can check the wall of the rifle barrel, or remove it to check the firing point. The snapshot and recording functions are supported, photos and videos can be saved on Micro-SD memory card.

 **WARNING:** This product is not intended to use for patient in health care environments unless specifically designated.

## Safety and Maintenance

\*This product is a borescope camera and is not intended for medical use or human examination.

\*Insert or pull out the borescope slowly and carefully to avoid damage of camera lens or barrel.

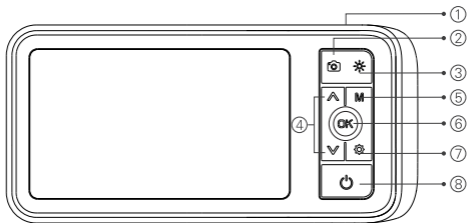
\*Please do not violently hit the camera probe, and do not imprudently pull the cable.

\*This product is not suitable for people with limited physical, sensory or mental capabilities.

\*Do NOT allow children to touch or operate this device.

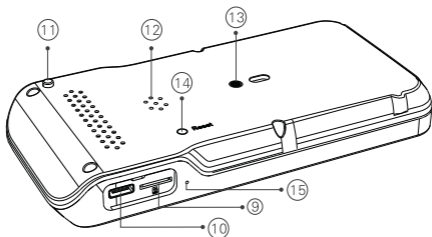
\*In case the device is damaged, Do Not disassemble it by yourself. Please contact the seller or the agent where you bought it to get repair service.

## Functions

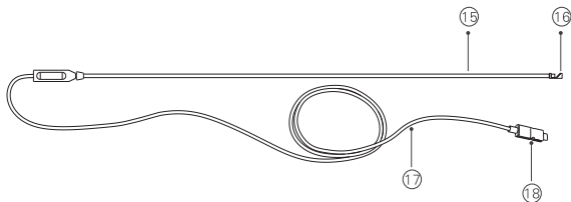


- ① Camera probe connector.
- ② Snap button: Photo taking/Start video recording/  
End video recording.
- ③ Light control button: To adjust the the LED' s brightness of the camera.
- ④ Up and down selection button/rotate180° .
- ⑤ Mode switch button: switch between three function modes:  
Photo taking,video recording and playback.
- ⑥ Enter button: Confirm selection/freeze screen
- ⑦ Settings button: enter/exit settings menu.
- ⑧ Power button: Press and hold for a few seconds to turn ON/OFF.

## Functions

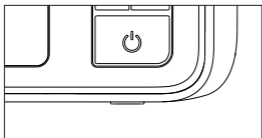


- ⑨ TF card slot
- ⑩ Charging port
- ⑪ Speaker
- ⑫ Installation hole of Screen bracket
- ⑬ Reset button
- ⑭ Microphone

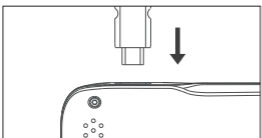


- ⑮ Rigid Probe
- ⑯ Cable
- ⑰ Side Viewing Mirror
- ⑱ Type C Plug

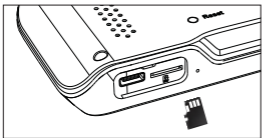
## Instructions



Press & hold the Power button for a few second to turn ON/OFF the device.



Pull in or pull out the Type C plug of the probe from the monitor.



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

### Insert TF card:

\* Power off device first before insert TF card.

\* 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.

## Instructions

### How to Focus

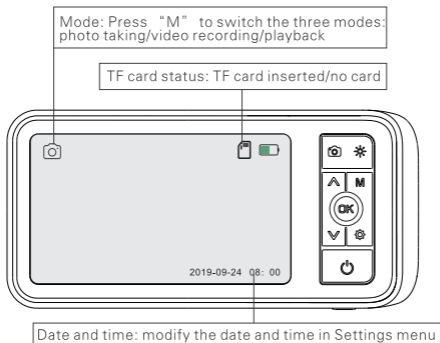
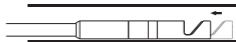
Screw mirror in or out depend on your caliber diameter to get the best focal distance and using "lock ring" to hold it in position.

#### For Example ▶

a. For rifle barrel with  
.223 caliber



b. For rifle barrel with larger  
caliber



## Language Settings


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

Setting path:

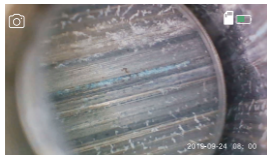
Press the  button twice to enter setting page.



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

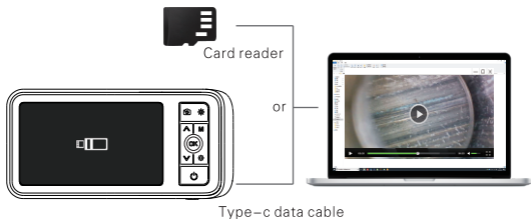


Press  to switch to the photo taking or video recording mode, and press  to take a photo or start recording.



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

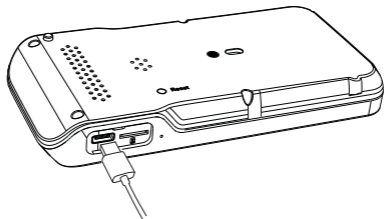
## Copy photo and video files to computer



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

**!** Please pull out probe camera first before using Type-C cable.

## Charge the monitor



\*Please use 5V household charger that meets safety regulations to charge this device.

\*This device can work while charging.

\*If you do not use the device for a long time, make sure to charge it at least once every 3 months to prevent irreparable damage caused by excessive battery discharge.



## Specification Parameters

### Monitor

Screen: 4.5inch IPS Color HD Screen

Screen Resolution: 854x480 (Pixels)

Image Capturing Resolution: 1920x1080,

Video Recording Resolution: 1920x1080, 1280x720

Port: Type-C charging port, TF memory card slot

### Probe

Diameter: 0.2inch

Probe Length: 26inch

Resolution: 1.0 Megapixel HD

Viewing angle: 70°

Depth of Field: 0.4~0.8inch

Light Source: 6 adjustable high-intensity LEDs

### Others

Operating Temperature: 32° F to 113° F (0° C to 45° C)

Power Source: 2500mAh Lithium Battery

Max Battery Life: 3~4 hours

Charging Time: 3~4 hours

### Packaging

4.5inch IPS Monitor

Rigid Rifle Borescope Probe

Side-View Mirrors

Type-C Charging cable

Screen Bracket

User Manual



## Customer Service

Please contact us if you have any questions,  
We love to hear from you.

 [www.teslong.com](http://www.teslong.com)

 877-899-8809

 [support@teslong.com](mailto:support@teslong.com)



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