

**TESLONG**

# NTG Digital Borescope

USER MANUAL

Thank you for choosing our NTG Rifle Borescope. This user manual is suitable for NTG450, NTG450H, NTG450P digital photo/video borescope. Please read the user manual before operating the device and maintain it properly for further reference.

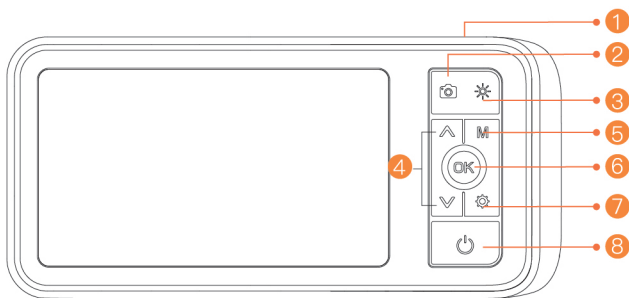
⚠ This device is NOT for medical use or human examination.

## Product Description

### Product Specifications ▼

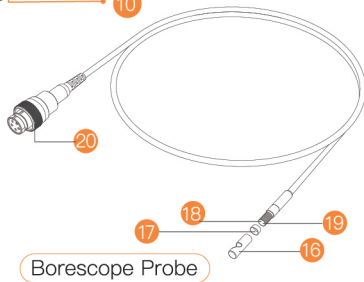
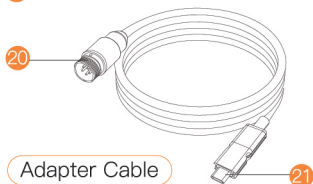
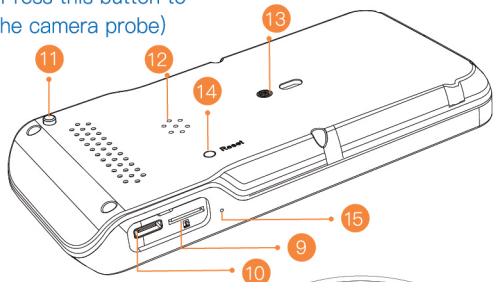
Model	NTG450	NTG450H	NTG450P
Probe Length	45inch	26inch	10inch
Probe	Flexible Gooseneck	Rigid Rod	Rigid Rod
Fit For	Rifle Barrel Inspection	Rifle Barrel Inspection	Pistol Barrel Inspection
Probe Diameter	0.2inch		
Camera Sensor	1.0 Megapixel CMOS		
Depth of Field	0.4~0.6inch		
Bore Light	6 Brightness Adjustable LEDs		
Screen	4.5inch Color HD Display		
Screen resolution	854x480 Pixels		
Snapshot resolution	1920x1080		
Video Recording resolution	1280x720		
Port	Type-C charging port; TF memory card slot		
Battery Type	2500mAh Lithium Battery		
Power Input	5V/1A or 5V/2A		

NTG450 series is the stand-alone line of digital photo/video borescopes from Teslong, including the NTG450 flexible borescope, the NTG450H rigid borescope, and the NTG450P pistol borescope. The NTG450 series is equipped with a 4.5-inch color screen so that firearms enthusiasts can inspect gun barrels anytime and anywhere without the need for a phone or PC. The diameter of the borescope camera is 0.2 inch, which makes it easy to access .20, and larger, caliber barrels. The detachable side view mirror allows users to check the barrel wall, or remove it and check the firing point.



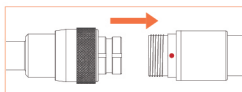
- ① Camera probe connector.
- ② Shutter button: Take a photo /Start video recording/End video recording.
- ③ 3.Light control button: To adjust the ring light LED's brightness.
- ④ Up and down selection button/rotate180°.
- ⑤ Mode switch button: switch between three function modes:  
Photo taking, video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

- 9 TF card slot
- 10 Charging port
- 11 Camera probe lock (Press this button to unlock and pull out the camera probe)
- 12 Speaker
- 13 Installation hole of
- 14 Screen bracket
- 15 Reset button
- 16 Microphone
- 17 Side Viewing Mirror
- 18 Mirror Locking Ring
- 19 Borescope Camera
- 20 LED Lights
- 21 Connector
- Type-C Plug

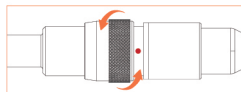


## How To Use The Borescope

Connect the probe to the cable ▼



A: Align the groove with the red dot and insert



B: Rotate the collar to tighten.

## Adjust Side-View Focus ▼

The borescope probe has a threaded, adjustable-focus design. After installing the side-view mirror, adjust the distance between the mirror and the camera and fix the mirror with the lock ring to obtain sharper focus.



Borescope Probe with Thread



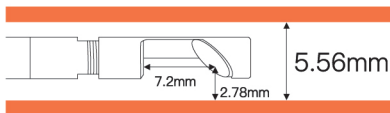
Lock ring



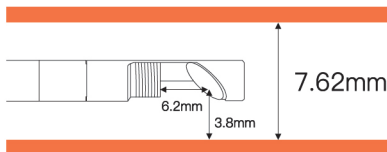
Side-View Mirror

### For example:

A. For a .22 caliber barrel, you need to screw the mirror out to a position farther away from the camera and fix in place with the lock ring.



B. For a .30 caliber barrel, you need to screw the mirror into a position closer to the camera.



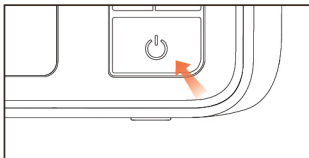
### Tips:

Dirty lenses and mirrors are a common cause of bad images. Please use the cloth to clean the lens and the side-view mirror to get a sharper image.

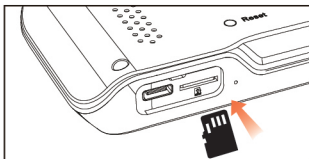
# How To Use The Software

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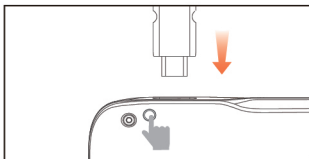
## Instructions ▼



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



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



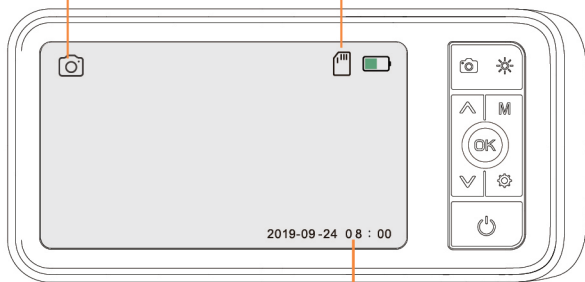
- ▶ To release the Type-C camera probe, first press the silver button on the back of the monitor near the plug insertion point, then pull out the Type-C plug from the monitor. To install the camera probe just insert the Type-C plug until it clicks.

### **Insert the Micro SD card:**

- (1) Power off the device first.
- (2) Insert the Micro SD card label side down with the conductors on the top back side of the card.
- (3) Do not use excessive force when inserting or removing the Micro SD card, it should insert easily without resistance.

Mode : Press **[M]** to switch between 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:

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

## Photo Taking/Video Recording/Playback ▼



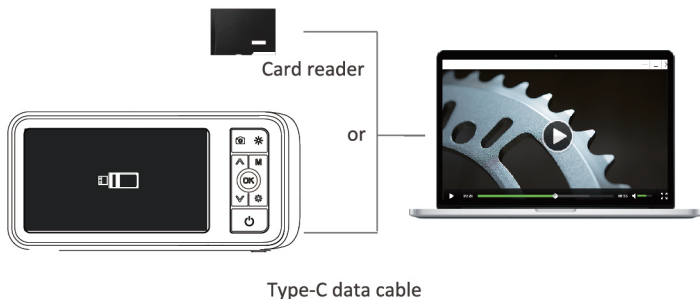
Press **[M]** to switch to the photo taking or video recording mode, and press **[📷]** to take a photo or start recording.



Press **[M]** to switch to playback mode, press **[▲]****[▼]** to select photo or video to view, and press **[⚙️]** to delete a photo or video.



## How To Copy Photos And Video Files To Your Computer ▼



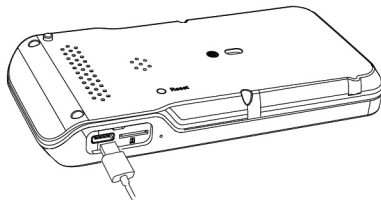
You can use a Micro SD card reader to copy data from your removed Micro SD card or use a Type-C cable to connect to a computer for copying.

⚠ please pull out probe camera first before using Type-c cable.

## Charge The Monitor ▼

Please use a 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.



## Customer Service

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



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



877-899-8809(US)  
(Mon-Fri 9am to 5pm PST)



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