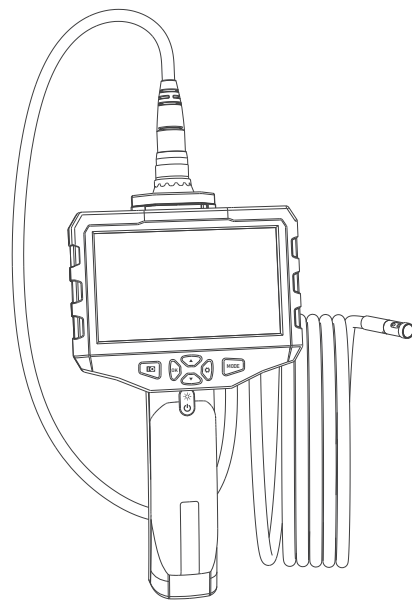


# User Manual

## Digital Inspection System



© TESLONG NTS300 V201910-2

MADE IN CHINA

## Product Overview

This new Digital Video Recording Endoscope is a portable, hand-held, multifunctional inspection system featuring a 4.5' IPS HD display with powerful recording capability, users can capture images (JPG) or videos (MOV) on the TF card with 720P HD resolution. With ergonomic and robust design, users can control all the keys with one hand easily, and the adjustable handle offers extra comfort. In addition, the stainless steel shield and overall reinforced structures ensures stability under heavy duty.

The device has a small diameter probe with 6 adjustable LED lights, high performance camera module offering crystal clear output. Furthermore, it has an integrated CREE LED flash light for dark area working assistance.

## Applications


**This premier tool is an economical solution for:**

- Automotive / Diesel Repair and Maintenance.
- Inspection of hard-to-reach or hard-to-see area or equipment.
- Plumbing, construction, restoration applications.
- Science Education.
- Outdoor Exploration.

## Features

- View live inspection video instantly on the 4.5' IPS HD display.
- 720P high definition for image capture and video recording.
- 180° image flip monitor.
- High sensitivity for low-light HD camera chip in the tip.
- Cree LED flash assisting dark area work.
- Adjustable handle.

## Safety

 **WARNING!** Please read all safety warnings and all instructions before using this product. Failure to follow the warnings and instructions may result in electric shock, fire and serious injury.

- Keep the tool dry, clean, free from oil, water, gas or other materials causing corrosion.
- Keep work area clean and well lit.
- This appliance is not intended for use by persons with limited physical, sensory or mental capabilities.
- This appliance is not intended for medical use or personal inspection.
- Keep bystanders, children away while operating the tool.
- Do not overreach, keep proper footing and balance at all times.

## Battery

- Charge the device when the power button turns red, the red light blinks when charging and will be off when fully charged.
- Only use 5V indoor home use USB charger to charge the device.
- Please charge the device at least once every 3 months if it is left unused for a long time to prevent damage to the battery.

## Maintenance

- Always keep the camera lens clean.
- Should any other components not mentioned need to be replaced, please contact our service agents.

## Notices



**Long Press** the power button to Power On or Power Off. Please remove the rubber protective cover before using this tool.



Please make sure ① the camera is connected to the monitor **firmly and tightly**, otherwise there will be noisy image on the screen.

When connecting a dual lens camera probe, please press ② this button to switch the front and side lenses.



Please check the battery level if you can not power on the device or there is noisy image on the screen.

**!** This product comes with a TF card and it's already within the device, you can press it to eject the TF card and use a card reader to see or copy the photos and videos taken by the endoscope.

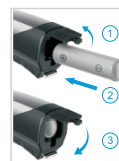
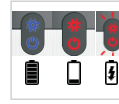
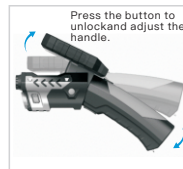
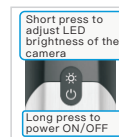
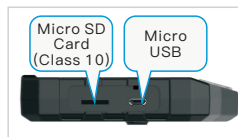
Please notice that you can only take photos or record videos when a **TF card is inserted to the device**, otherwise you can only preview the video stream.



Insert card : Power off the device, open the cover on the backside of the monitor and insert the TF card according to this chart.

- !**
1. Please make sure the device is powered off before operating the TF card.
  2. Please make sure the card is insert correctly.
  3. This device requires Class 10 high speed TF card and it will not be able to work properly with Class 4 low speed card.

## Instructions for use



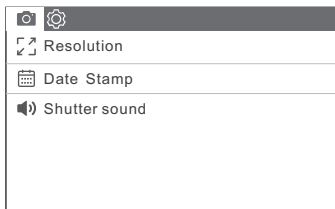
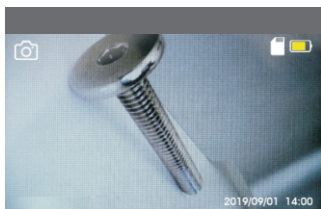
(Replace the battery only when it reaches the end of its life or it's broken)



Mode: Take Photo /Record Video /Playback

Battery Status: Full/Middle/Low /Empty

TF Card Status: Card Plugged in / No Card



Click “MODE” button to switch the mode Photo Video Playback

Click “” in Photo/Video mode to take photos or record movie clip.

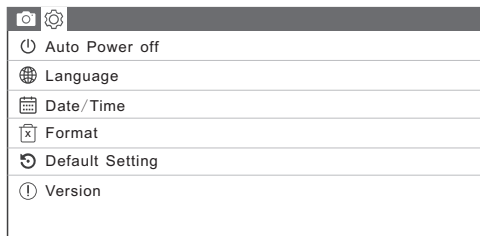
Press “ok” button to freeze the screen and “▲” button to rotate screen.

In three different modes, press the “” button once to enter the settings menu of corresponding mode.

Click “▲” “▼” button to select and “OK” button to save changes.

**corresponding mode:** Resolution; Date Stamp; Shutter sound  
**Photo mode:** Resolution; Recording; Date Stamp

**Video mode:** Delete; Protection; Slideshow

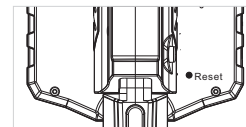


In any mode, press the “” button twice to enter the system settings menu.

Click “▲” “▼” button to select and “OK” button to save changes.

**System settings menu:** Auto Power off; Language; Date/Time; Format; Default Setting; Version

Please press the reset button on the back of the device if the screen freezes or the buttons does not respond.



## Technical Specifications

### Monitor:

Screen Type: 4.5' IPS HD display  
 Resolution: 854\*480 pixels  
 Rotation: 180° rotation  
 Video Recording Resolution: 1280\*720; 1920x1080  
 Image Capturing Resolution: 1920x1080  
 Menu languages: English, Chinese, German, French, Spanish, Italian, Russian, Japanese  
 Port: Micro USB, TF Card Slot

### Camera:

Diameter : 5.5mm or optional  
 Probe Length: optional  
 Resolution : 1.0 Megapixel HD  
 Viewing angle: 70°  
 Depth of Field : 30mm—100mm  
 Light Source: 6 adjustable high-intensity LEDs

### Other:

LED Flash light: 1W CREE LED  
 Operating Temperature: 32° to 113°F (0° to 45°C)  
 Power Source: 2600mAh Lithium Battery  
 Max battery life: 3~4 hours  
 Certifications: CE FCC RoHS

**Contents:**

Digital Endoscope

User's Manual

Probe

Accessories — pick up hock, magnet, mirror

Micro USB cable(3.9mm No accessories)

**EU Environmental Protection**

**Waste electrical products should not be disposed of  
With household waste. Please recycle where facilities  
Exist. Check with your local authority or retailer for  
Recycling advices.**