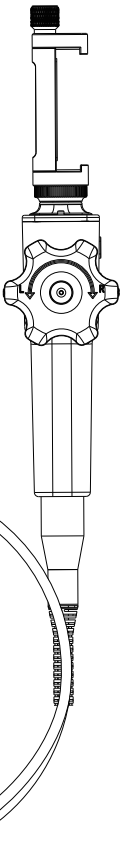# TESLONG

Borescope Manual

Model NO.: TD100

The TD100 automotive borescope is a very useful tool for the automotive aftermarket. It is specifically used to detect automotive evaporator boxes, combustion chambers, three–way catalytic sensors and other narrow and curved spaces that are difficult to enter. The product has a unique temperature protection function, equipped with two–way 180°. The steering detection function makes it convenient for the user to deepen the small probe into a small space, and then transmit vivid, clear and all–round videos and pictures to the mobile phone display through a data cable. It can meet your diverse testing needs with advanced extensible accessories and real–time temperature display function.

NOTICE: Please read this manual carefully before using this product, and follow steps to avoid the damage caused by improper use.

Note: The probe temperature of this product can not exceed 70 °C and NOT WATERPROOF

Appearance introduction

No.	Name
1	Phone Holder
2	Rotate Wheel
3	Handle
4	Snake Tube
5	Megapixel HD Probe
6	USB Inteface
7	Type–c Charging Interface
8	Working/Charging Indicator
9	LED Adjust Button
10	Photo/Video

Download & installation APP

a. Please scan the QR code below to download and install the app for Android & iPhone
b. Search and install "Finder Borescope" in the Appstore.
c. Click "Next" to skip or click "File selection" to insert a picture of 750*87 pixels for later production of inspection report;

Instructions

a Installation
Adjust the rotated knob of the mobile phone holder, Put your phone into the holder, then connect it to the handle with a data cable.

b Power On/Off
Press ⏻ on the handle 2 seconds for power on. Work indicator light green,Android mobile phone will open the APP automatically(Apple mobile phone needs to be clicked to open the APP),the snake tube LED is lighting on,the search interface appears,presenting the image press ⏻ 2 seconds for power off.

c Adjust the LED
Press to adjust the modes of the brightness.

NOTICE: NOT SUPPORT FOR FAST CHARGING

d Images and videos
Press on the handle to take photo (JPG) and record a videos which is saved in the Finder/Camera Data directory of your phone.

e PDF Generation
Click PDF generation to set footer, header, LOGO, click PDF generation and input information to generate fuel system inspection sheet in the setting.

f Charging
Pls use the 5V adapter or mobile power to connect Type–c USB cable for charging. The charging voltage and current is 5V/1A, if not that may burn out the borescope.

g Setting method of floating window
Click on the application software to set , and open it on the "floating window" point.

Parameter

Camera lens Diamerter	5. 5mm	8. 5mm
Snake Tube Length	1m	1m
Snake Tube Material	Flexible Mental	Flexible Mental
DOF	20–100mm	45–70mm
FOV	100°	60°
Manual LED Adjustment	Support	Support
Power source	2200mAh Polymer Lithium Battery	2200mAh Polymer Lithium Battery
Battery Life	120 Minute	120 Minute
Interface	USB2. 0	USB2. 0
Lighting Source	6 pcs LED	8 pcs LED
Sensor	1/9"CMOS	1/5"CMOS

Application Environment

For professional maintenance personnel, this portable car endoscope can be used to detect places invisible to the naked eye without disassembling the machine or injuring the instrument. It supports for precision instrument testing, engine, auto, pipeline, air conditioning repairing, building maintenance etc.

Operating environment	Snake tube	In the air: –10°C to 70°C
	Machine	In the air: –10°Cto 50°C
Input voltage		DC5V
Humidity		10% to 90%
Waterproof		NO SUPPORT

IMPORTANT SAFETY WARNING

- TD100 camera doesn't work with other monitors;

- NOT WATERPOOF, keep the product clean, avoid to be in direct contact with water, oil and corrosive liquids;

- Don't use the product in certain areas where it may be exposed to a wire or charged area. The exposed metal parts can be electrically conductive and may cause unexpected accidents;

- Don't allow children to operate the product separately. Prohibit using for medical or human testing;

- Confirm that the dial is returned to the neutral position to pull out the snake tube, forbid to rotate the dial roughly;

- Do not over–curl the tube to avoid damaging the structure of the line; don't to twist the camera probe;

- Highly recommend to use the phone's original USB cable for charging.

Customer Service

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

🛡 12–month Limited Warranty

🎧 Lifetime Technical Support

✉ support@teslong.com

📞 1–877–899–8809(US)
   (Mon–Fri 9am to 5pm PST)