

# One-Tool Portable Video Borescope

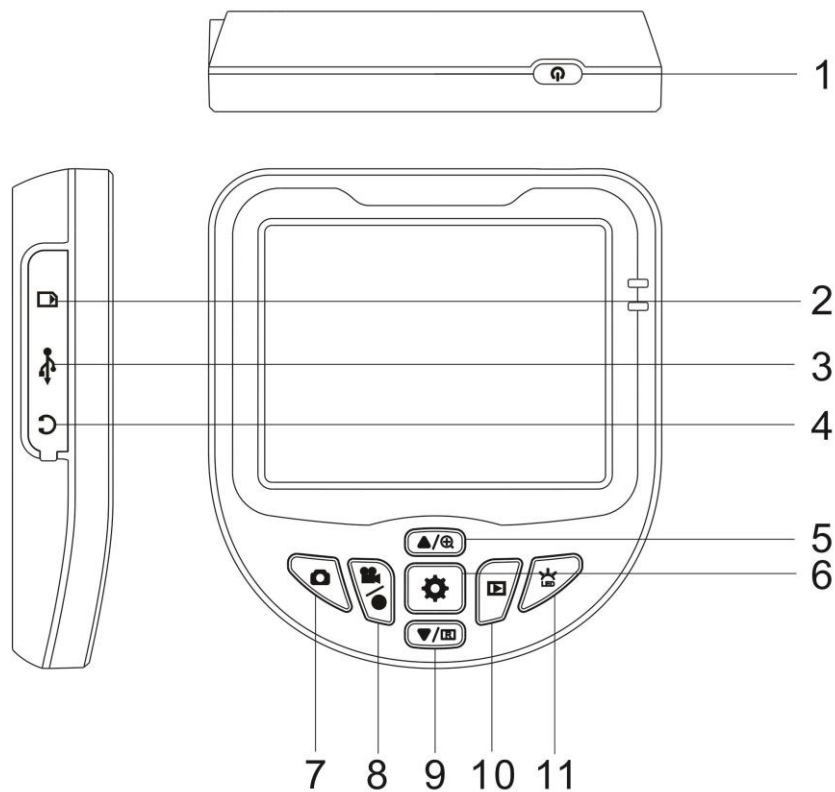
Model:OTE6100Q



OTE6100Q portable video borescope is for the global automotive service market the latest launch of an important product, specifically for the detection of automobile evaporation box, combustion chamber, three catalytic sensors and other difficult to enter the narrow bending space. The product has a unique temperature protection. It is equipped with an portable host, make it easy for users to accurately make probe depth into the narrow space, and it will display the clear video and pictures on monitor .With advanced scalable accessories and real-time temperature display to meet your diverse testing needs.

# Product Appearance

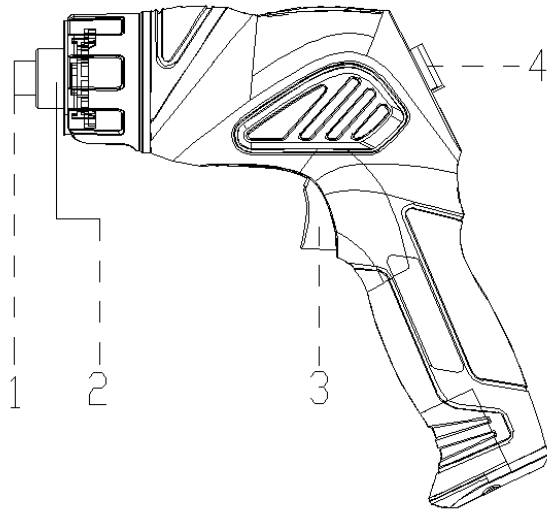
## 1、 3.5 inch LCD Monitor



Item	
1	Power on/off
2	TF Card
3	USB interface
4	TV output
5	Up/Zoom
6	Setting
7	Taking Picture
8	Video/OK
9	Down/Rotation
10	Preview/Playback
11	LED adjuster

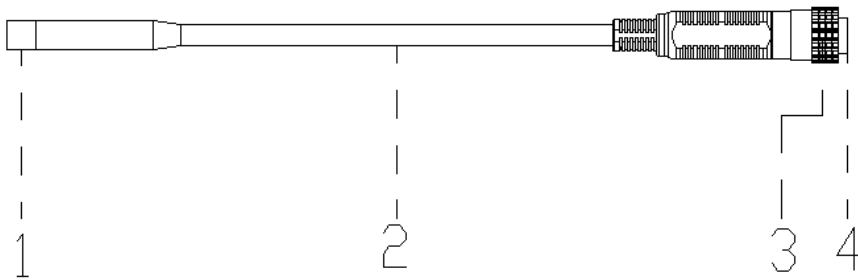
# Product Appearance

## 2、Handle



Item	
1	Flexible tube female interface
2	Rotatable connector
3	photo shortcut button
4	Monitor slot

## 3、St.

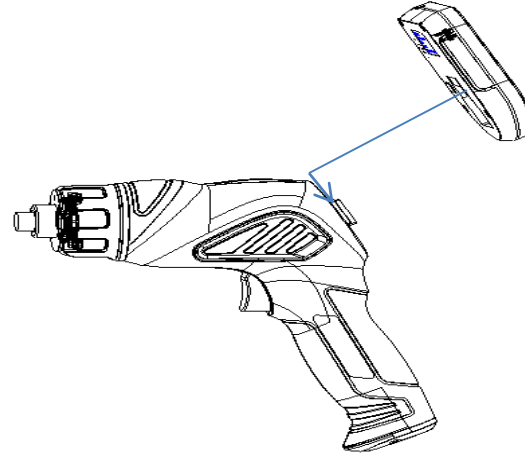


Item	
1	Probe
2	snake tube
3	Fixed nut
4	Flexible tube male interface

# Operation Guide

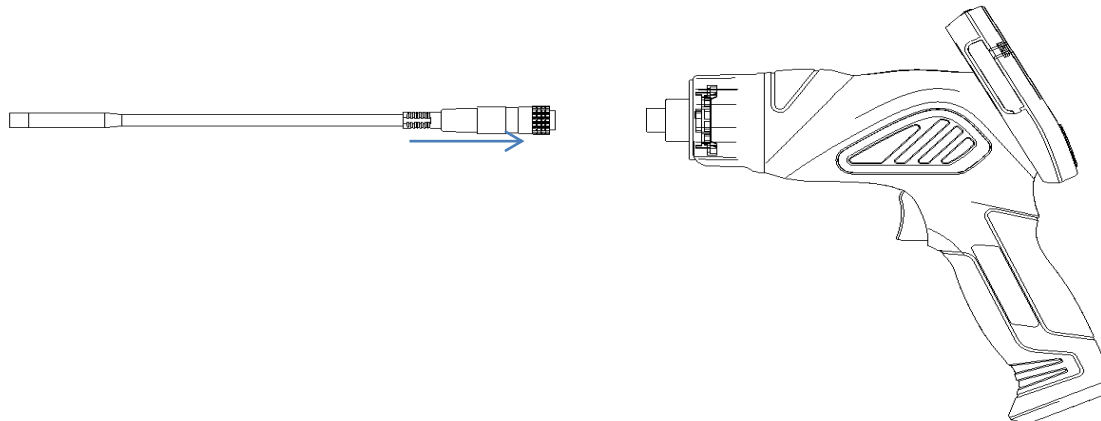
- **1、 Install monitor :**

- Install the monitor on the handle as shown, and make sure the installation not loose.



- **2、 Install snake tube :**

- Install the snake tube male interface into the monitor female interface, screwing clockwise, and make sure the installation not loost.



# Operation Guide

## • 3、Monitor

### 3.1 Insert TF card


Before using the device, please insert TF card. Note: In order to ensure device on normally working, please try to use the nameplate C4 and above to operate. After insert the card, it is best to format it.

### 3.2. Power on / off

press  on / off.

### 3.3. pictures and videos

Photo: In monitor interface, Press  taking pictures, photo files stored in the TF card DICM folder.

Camera: In monitor interface, press  to start and end camera, video files stored in the TF card DICM folder.


### 3.4. Accessibility keys

LED adjustment: In monitor interface, press  to adjust the snake tube LED lights brightness. three levels of brightness (off / Level 1 / Level2 / Level3)



Zoom key: In monitor interface, press  to adjust the zoom optional. (X2 / X3 / X4)

Picture rotation: In monitor interface , press  to realization of the screen rotation.

### 3.5. Settings

In monitor interface, press  to realization language selection / time setting / automatic shutdown setting / memory card format .

### 3.6. File management

In monitor interface, press  to enter the screen playback, and then press  can file management interface. Can be locked / deleted.

### 3.7. Charging

Please use the 5V adapter or mobile power to connect Micro USB cable to charge. Charging voltage and current are 5V / 1A, too high voltage, it is possible to burn the machine.

# Specification

## Monitor

Screen Size: 3.5" TFT LCD Monitor  
Video resolution: AVI (640x480)  
Photo resolution: JPEG (640x480)  
Frame Rotation: 180° Rotation & Mirror image  
freeze frame: YES  
Zoom: 4x Variable Digital Zoom  
Menu language: Traditional Chinese, Simplified Chinese, English, French, German Spanish, Japanese, Russian  
Interface: Micro USB 2.0/ TV out/ card slot  
TV out: PAL  
Recording media: Micro SD Card  
Power source: 18650 Li-Ion Battery (2600mAh)  
Battery Life (typical): 4hours

## Contents:

Monitor  
Snake tube  
TV-out  
USB cable  
4G TF card  
18650 Li-Ion Battery  
User manual

## Camera

5.5mm /8.5mm Probe	
Diameter of camera Lens	5.5mm /8.5mm
Resolution	720*576
FOV	60°
DOF	2-5cm /3-6cm
Lighting	6 white LED
Snake tube Length	1M (optional 3M)
Snake tube Material	flexible metal

## 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



# Application Environment

For professional service personnel, this products can be used in the case of non-disassemble or damage the instrument, used to detect the human eye can not see the place. Can be precision instrument testing, engine maintenance, vehicle repair, pipeline maintenance, building maintenance and air conditioning evaportaoor maintenance and so on.

Operating temperature	Probe	in air: -10 to 70° C
		in water: 5 to 70° C
	console	in air: -10 to 70° C
		input: 5V
Relative humidity	all parts	15 to 90%
Ingress Protection	Probe	IP67 waterproof
	console	Not Operable in blowing rain conditions
		Not operable underwater.



## Warning!

### Important safety matters:

- Please do not use our camera with other manufacturers monitor,even same interface.
- Do not 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 accident.
- Do not allow children to operate the product separately, prohibit the use of the product for medical or human testing.
- Keep the product clean, avoid exposure, or be in direct contact with water, oil and corrosive liquids.
- Please take it lightly, do not overturn the tube.
- Please try to use the original USB cable charge.



## Guarantee terms

- Thank you for choosing this product, this product is a well-designed, durable video industrial endoscope. Under normal use and maintenance should be able to play its superior performance. Within six months from the date of purchase, if there is any damage caused by the manufacturing process or components, we will provide free maintenance service for the licensee and replace the parts as appropriate.
- Within six months from the date of purchase, you will receive a free warranty service if our professional maintenance personnel have confirmed that damages caused by the manufacturing process or the bad parts .
- Snake tube is a vulnerable part, since the purchase date, the warranty for six months. Normal use caused by wear, not including part of the warranty.
- The following conditions will not be available free of charge:
  - Damage caused by improper storage.
  - The customer is disassembling and causing damage.
  - Damage caused by the customer's own modification.
  - Damage caused by improper use.
  - Damage caused by other irresistible factors.