

## BR510

### 360° Articulating High-Definition Borescope



CE

# Operating Instructions

## SAFETY INSTRUCTIONS

- This product is designed for industrial inspection cameras.
- Please do not violently hit the camera probe, and do not imprudently pull the cable .
- Please do not use it under high temperature, high magnetic or under strong light.
- Please use 5V household charger that meets the safety regulations to charge this device.
- Do not expose this product to extremely low or high temperatures
- If you do not use the device for a long time, please ensure that it is charged at least once every 3 months to prevent irreparable damage caused by excessive battery discharge.
- Do not wipe the unit with corrosive chemical wash.
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### NOTICE:



**WARNING!** This product is an industrial inspection camera and is not intended for medical use or human examination.

## OPERATION GUIDE



### STEP 1:(Preparation before use)

1. Take out the charging cable, start charging.
2. The screen will display the charging status, start to use when fully charged
3. The memory card has been inserted, if damaged, please replace it with a high-quality Micro SD card before use.

### STEP 2:(Turn on the device)

1. Long press the power button to turn on the camera.
2. The camera light will come on and the display will show the image.
3. You can long press the power button to turn off.

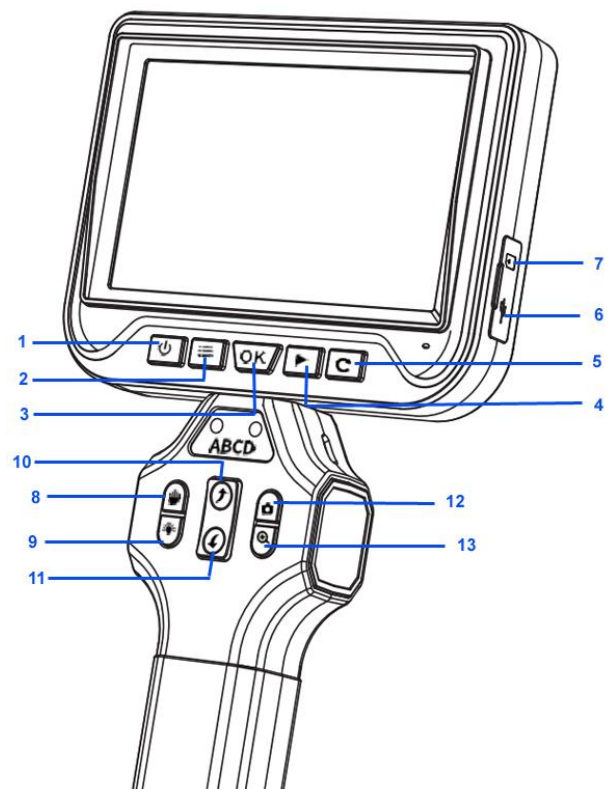
### STEP 3:(Start to use)

1. Use the camera to be close to the object, the focal length is preferably 3-8cm, and the image of the object is displayed on the screen clearly.
2. Press bend left  or right  button to adjust the direction of camera to get a 360° picture.
3. According to your needs, use other buttons such as menu, take photos, record videos, rotate images, zoom in, etc

### STRUCTURE AND BUTTON FUNCTIONS

1. **Power Button:** Press and hold for 3 seconds to turn on/off
2. **Setting:** Enter/Exit the setting interface
3. **OK:** Confirm selection
4. **Photo/Video Playback:** Enter/Exit photo/video playback
5. **Image Rotation:** Press it to rotate picture 360°
6. **Charging/Data Port**
7. **TF Card Slot**
8. **Freeze Image**
9. **Adjust light brightness**
10. **Bend 180° to the Left**
11. **Bend 180° to the Right**
12. **Taking Photo/Video**
13. **Zoom in**

**Notes:** Files can be copied directly to the computer using a data cable, or read using a card reader



## Specifications

Model	BR510
Screen	5.0inch color LCD display
Camera Type	Autofocus Lens
Camera Sensor	2 MP CMOS sensor
Camera Resolution	1280*720 px and 1920*1280px
Horizontal viewing angle	60°
Depth of field	3cm-10cm
Lens diameter	6mm
Image Capturing Resolution	1920x1080 (pixels)
Waterproof level	IP67(only for lens)
Battery capacity	3000mAh
Battery life	About 3-4 hours
Line length	1.5M
Language	Simplified Chinese, Traditional Chinese, English, French, German, Italy, Russian, Japanese, etc
Packing List	Endoscope, Manual, Charging cable

## TROUBLESHOOTING:

Problem	Solution
The device can not be turned on	<ol style="list-style-type: none"> <li>1. Use after fully charging the battery.</li> <li>2. Confirm whether the power supply has been successfully connected</li> </ol>
TF card reading failed	<ol style="list-style-type: none"> <li>1. Confirm whether the TF card meets the requirements (the Highest supported format is 64GB Micro TF card in FAT 32, and the transmission speed must be Class 10 or higher)</li> <li>2. Remove the TF card and reinsert it.</li> </ol>
After the device is connected to The PC, can't read TF card	<ol style="list-style-type: none"> <li>1. Reconnected the device and the PC</li> <li>2. Confirm whether to enter mass storage mode</li> </ol>
Smudges or smudges on the screen	<ol style="list-style-type: none"> <li>1. Clean the screen carefully with a soft cloth</li> </ol>
Device Crash	<ol style="list-style-type: none"> <li>1. Restart</li> <li>2. Reset</li> </ol>
Lags happened during the photo outputting of the product.	Please check whether the product has sufficient power, or restart the device.

## Warranty

Triplett Test Equipment and Tools extends the following warranty to the original purchaser of these goods for use. Triplett warrants to the original purchaser for use that the products sold by it will be free from defects in workmanship and material for a period of (1) one year from the date of purchase. This warranty does not apply to any of our products which have been repaired or altered by unauthorized persons in any way or purchased from unauthorized distributors so as, in our sole judgment, to injure their stability or reliability, or which have been subject to misuse, abuse, misapplication, negligence, accident or which have had the serial numbers altered, defaced, or removed. Accessories, including batteries are not covered by this warranty