

User Manual



# BR300/BR350

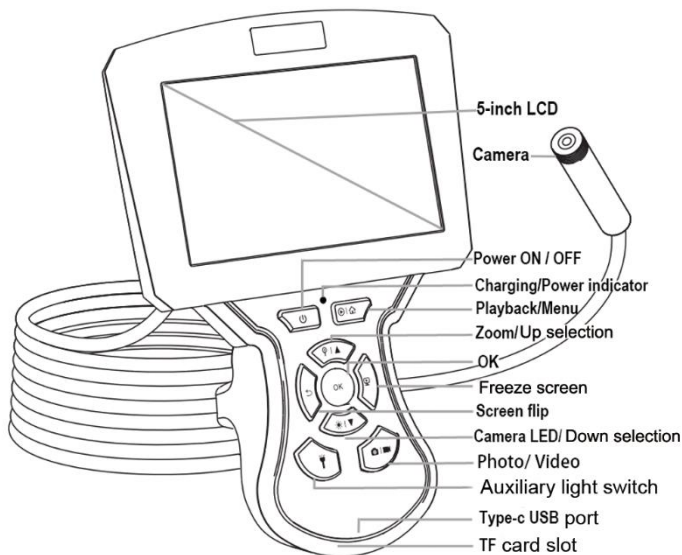
## Borescope Inspection Camera



## Introduction

Congratulations on your purchase of the Triplett BR300/BR350 Borescope. The BR300/BR350 is a high performance industrial inspection camera with a 5-inch high definition color LCD. It is ergonomically designed so that the main function buttons can be controlled with one hand. The built-in 3000mah rechargeable lithium battery allows 3-4 hours of continuous operation. The snapshot and recording functions are supported, photos and videos can be saved on TF memory card (Micro-SD card). The camera focal length is 1.2" to 4.0" (3cm to 10cm). Model BR300 is a single forward looking camera system and the Model BR350 is a Dual forward and side view camera system.

## Meter Description



## ***Safety***

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This product is designed for industrial inspection camera.

- Avoid severe hits to the camera probe, and do not aggressively pull the cable.
- Please do not use it under high temperature, high magnetic environments 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 used for extended periods of 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.

### **NOTICE:**

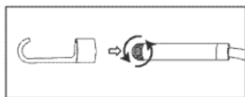


**WARNING !** This product is an industrial inspection camera and is not intended for medical use or human examination.

## ACCESSORIES INSTALLATION

The installation of accessories is shown in the following figures

### Single Lens



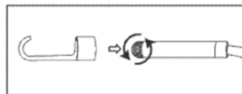
Magnet

Hook

Mirror

Protective cap

### Dual Lens



Magnet

Hook

Protective cap

## Operation

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## BUTTON OPERATION



### Power Button :

Press for 3 seconds to turn ON / OFF the screen.



### Playback/Menu Button:

In live view, it functions as the **Menu** Button. Press to enter the settings menu. Press again to exit.

**Playback** : Press and Hold for 3 seconds to enter Photo or Video Playback, press again to exit.

**Zoom:**

In live view, Press to zoom 3X, press again to resume.

**Screen Rotate**

In live view, press it to screen rotate 180°, press again to resume screen rotate 180°.

**OK Button :**

In setup menu, press the OK button to confirm.

**Freeze Screen Button :**

In live view , press to freeze screen press again to exit.

**Camera LED Button :**

Press to control 3 levels brightness.

**Auxiliary light switch:**

In live view, Press to turn ON LED light . Press again to turn OFF the LED light .

**Photo / Video Button :**

Press to capture photo images Hold for 3 seconds to Start video recording / End video recording.

## ENTER MENU SETTINGS

### Date / time settings

Setting path:



Short press the button to enter the settings page

Select first item (Date / Time) on settings page



Press the button to select the Date / Time desired.

Press up and down keys to change the Date /Time you desire.



Press to save the setting.

### Language settings

The default language is English. The system supports English, Chinese, German, French, Spanish, Russian and Japanese.

Setting path:



Short press the button to enter setting page

Select second item (Language) on settings page

Press up and down keys to select the language desired.



Press to save the setting.

## TF card format settings

Setting path:

Short press the  button to enter setting page  
Select the 3rd. item (format) on settings page

Press the  button to enter format select.  
Press up and down buttons to select the format needed or Cancel.

Press the  to save your setting.

## Photo taking / Video recording / Playback

Press the  for 3 seconds to switch to playback mode.  
Press up and down button to select photo or video to view,

Short press the  button to enter delete mode of photo or  
Video. Press  to confirm deletion of the photo or video.

Press the  for 3 seconds to exit playback mode.

## ***Specifications***

|                          |                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------|
| Model                    | BR300 (Single Camera) BR350 (Dual Camera)                                                  |
| Screen                   | 5.0inch color LCD display                                                                  |
| Resolution               | 1280*720 ; 1920*1080                                                                       |
| Horizontal viewing angle | 60°                                                                                        |
| Language                 | Simplified Chinese, Traditional Chinese, English, French, German, Italy, Russian, Japanese |
| Line length              | 5M 10M (Interchangeable)                                                                   |
| Focal length             | 1.2" to 4.0" (3cm-10cm)                                                                    |
| Waterproof level         | IP67(only for camera head and lens)                                                        |
| Lens diameter            | 3.9mm/5.0mm/5.5mm/7mm/8mm                                                                  |
| Battery capacity         | 3000mAh                                                                                    |
| Battery life             | Approximately 3-4 hours                                                                    |

## **TROUBLESHOOTING:**

| Problem                      | Solution                                                                                                                                                             |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| The device does not POWER 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, TF card not read. | <ol style="list-style-type: none"> <li>1. Reconnect the device and the PC</li> <li>2. Confirm whether to enter mass storage mode</li> </ol>                                                                                                                                 |
| Blemishes or smudges on the screen                         | <ol style="list-style-type: none"> <li>1. Clean the screen carefully with a soft cloth</li> </ol>                                                                                                                                                                           |

## ***Warranty***

Triplett / Jewell Instruments 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

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