



# DEPSTECH DS630 Two Way Articulating Borescope User Manual

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# DEPSTECH

**DEPSTECH DS630 Two Way Articulating Borescope**



## Product Information

### Specifications

- **Product Name:** DS630
- **Language:** English
- **Power button/Lens light adjustment button:** Press and hold for 2s to turn on/off the endoscope. Click to adjust the lens light after powering it on.
- **Photo/Video:** Click to take a photo. Hold for 2s to start recording video, and click again to end recording video.
- **Charging indicator:** The red LED flashes during charging and remains on when fully charged.
- **Steering wheel:** Slide the steering wheel up and down, and the camera angle changes accordingly.
- **Menu button:** Short press to enter the menu, long press to switch between the main/side camera. Note: The camera switch is only available on dual-lens models.
- **Image zoom-in button:** Click on the image in the preview interface to zoom in, and click on the menu interface to move the cursor up.
- **OK button:** Press and hold this button for 2s to enter the album, and click in the menu interface to confirm the selection. For charging (Type-C cable connected to adapter). For data transmission (Type-C cable connected to PC client).
- **Image zoom-out button:** Click on the image in the preview interface to zoom out, and click on the menu interface to move the cursor down.
- **Image rotation button:** Click to rotate the image in the preview interface and click to return to the previous level in the menu interface.
- **Type-C charging port:** For charging (Type-C cable connected to adapter). For data transmission (Type-C cable connected to PC client).
- **TF card slot:** Support a TF card with 32 GB (Max.) of memory. Please format the TF card before using it for

the first time.

- **Reset button:** Press the reset button, and the device will shut down.

## Product Usage Instructions

### Introduction to UI Icons

#### Preview interface:

- Photo Shoot/Video Record
- Probe temperature
- Battery level
- TF Card Status
- Timestamp

#### Album interface:

- File number
- Photography date
- Resolution File Size
- Current playback duration/Total video duration

### FAQs

- **Q: What is the maximum memory capacity supported by the TF card slot?**

A: The TF card slot supports a maximum of 32 GB memory.

- **Q: Do I need to format the TF card before using it for the first time?**

A: Yes, please format the TF card before using it for the first time.

- **Q: How do I switch between the main and side cameras?**

A: Long press the menu button to switch between the main and side cameras. Note that this feature is only available on dual-lens models.

- **Q: How do I adjust the lens light?**

A: Press and hold the power button for 2s to turn on/off the endoscope. After powering on, click the power button to adjust the lens light.

## Product Features

DEPSTECH is a thriving technology company that specializes in the manufacturing of various endoscopes and is committed to helping you improve work efficiency. DS630 is a high-performance steerable industrial endoscope with a 5-inch IPS HD display, equipped with a camera to record video, a probe that can be turned 210°, and photos and videos that can be saved to a TF memory card (Micro-SD card). The camera uses a high-performance CMOS chip and uses Bluart 3.0 technology to support high frame rates to obtain clear images, and is widely used in industrial maintenance, equipment maintenance, mechanical maintenance, and design fields.

### Special Warning

- This product is an industrial endoscope camera, not for medical or physical examination!
- To extend battery life, it is recommended that you charge the battery every 3 months whether you use it or not.
- Please do not replace the internal battery by yourself, because unprofessional operation may lead to overheating of the battery causing personal injury.

## Safety and Protection

- The camera probe is a high-precision electronic device. Please do not touch the camera probe or pull the cable, which it may lead to device failure.
- The camera probe has an IP67 waterproof layer, and the body is not waterproof. When using the probe, be extra careful to prevent scratches!
- The camera probe is made of materials that are not resistant to high temperatures, so when checking any internal combustion engine or other equipment with high internal temperatures, please ensure that the internal temperature has cooled down, otherwise the equipment may be directly damaged!
- The exposed metal part of this product is made of conductive material. Please avoid contacting live circuits.
- If any equipment is damaged, please do not disassemble it by yourself. Please contact the seller or supplier for professional repair service.
- Without adult guidance, children cannot use the device independently.

## Operating and storage environment

- The equipment should be operated at an ambient temperature of 32~113°F (0~45°C).
- The equipment should be stored in a dry, clean, oil-free, water-free, and free of any chemical liquid environment.

## Warning

- Before using this product, please read the instructions carefully and follow them to avoid injury.
- Disassembly of this product is strictly prohibited, and we shall not be liable for any damage caused by unauthorized disassembly of this product.
- The main body of this product is not waterproof. Please avoid contact with liquids.
- Do not overbend the camera probe. The bending limit of the snake tube is one cycle.
- Do not twist or pull the camera probe at the front of the snake tube.
- Before pulling out the snake tube, make sure the steering wheel is back to the centered position, and do not turn the steering wheel violently.

## Product Introduction



### 1. **Power button / Lens light adjustment button (composite button)**

Press and hold for 2s to turn on/off the endoscope (click to adjust the lens light after powering on).



### 2. **Photo/Video**

- Click to take a photo.

- Hold for 2s to start recording video, and click again to end recording video.

3.  **Charging indicator**

The red LED flashes during charging and remains on when fully charged.



4. **Steering wheel**

Slide the steering wheel up and down, and the camera angle changes accordingly.



5. **Menu button**

Short press to enter the menu, and long press to switch between the main/side camera. Note: The camera switch is only available on dual-lens models.

6.  **Image zoom-in button**

Click on the image in the preview interface to zoom in, and click on the menu interface to move the cursor up.

7.  **OK button**

Press and hold this button for 2s to enter the album, and click in the menu interface to confirm the selection.

8.  **Image zoom-out button**

Click on the image in the preview interface to zoom out, and click on the menu interface to move the cursor down.



9. **Image rotation button**

Click to rotate the live image 180° in the preview interface and click to return to the previous level in the menu interface.

10. **Type-C charging port**

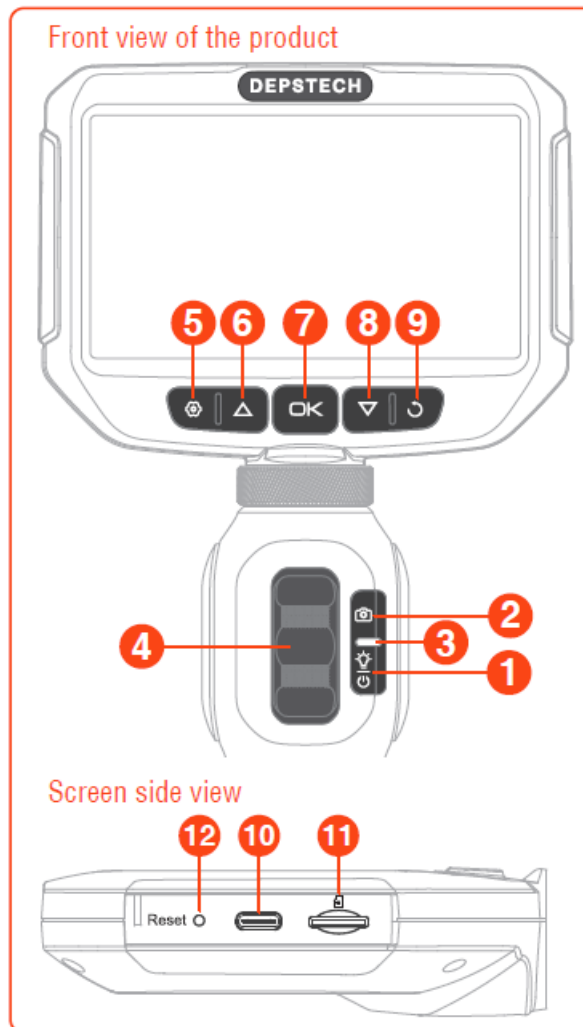
- For charging (Type-C cable connected to adapter)
- For data transmission (Type-C cable connected to PC client).

11. **TF card slot**

Support a TF card with 32 GB (Max.) of memory. Please format the TF card before using it for the first time.

12. **Reset button**

Press the reset button, the device will shut down.

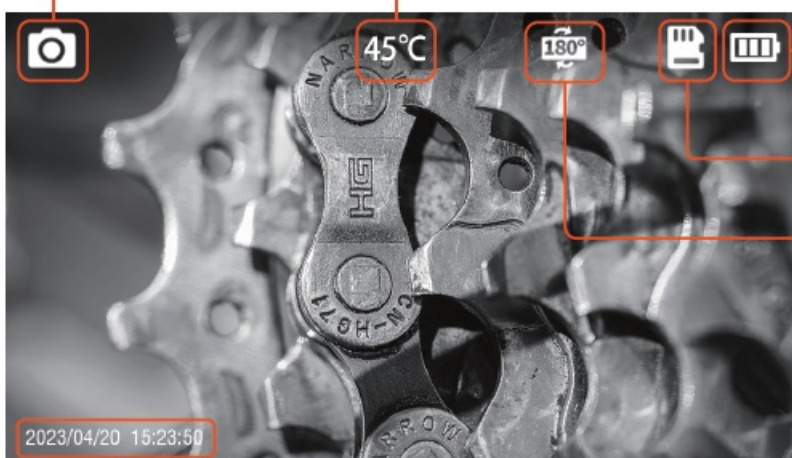


## Introduction to UI Icons

### Preview interface

Photo Shoot/  
Video Record

Probe  
temperature



Battery level

TF Card Status

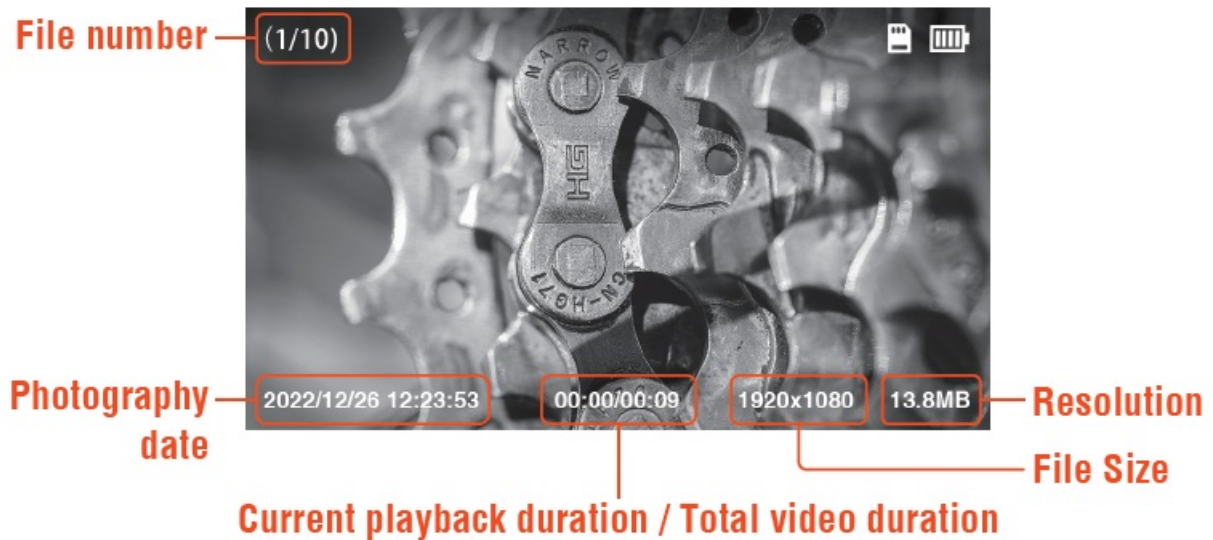
Screen  
Rotation 180°

Timestamp

### Attention:









Either the camera probe operating temperature or ambient temperature reaches 80°C, the device will automatically shut down due to high-temperature protection. Only the camera probe part is waterproof.

## Album interface





## Language Settings

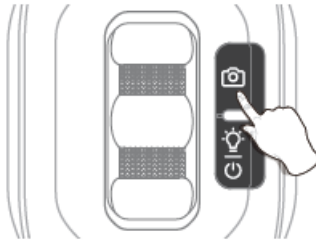
The default language of this device is English. To switch to another language, please follow these steps.

1. Click the (  ) button to enter the menu interface, select the language setting by the (  /  ) button, then press the (  ) button to select the desired language.
2. Click on the (  /  ) button to select the desired language, click on the (  ) button to confirm the language.
3. Click the (  ) button to return to the image preview interface.



## Photo/video

1. Click the (  ) button to take a photo.
2. Press and hold the (  ) button to start recording, and click again to end recording.



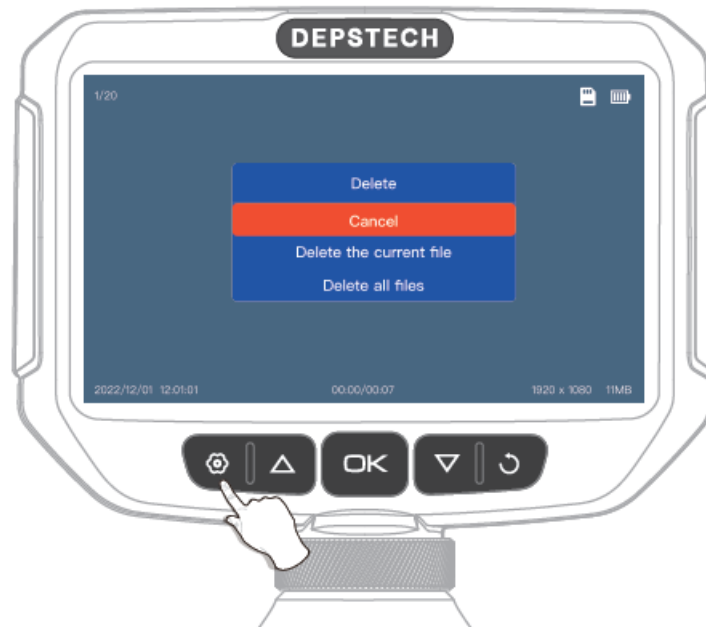
### View photo/video

1. In the preview interface, press and hold the ( **OK** ) button for 2s to enter the album.
2. Click the ( **△** / **▽** ) button to view a photo or video, and click the ( **OK** ) button to view a photo or play a video.
3. Click the ( **↺** ) button to return to the previous level and exit the album.









### Delete photos/videos

1. When viewing photos/videos, press the ( **⚙** ) button to access the photo/video details interface.
2. Click the ( **△** / **▽** ) button to delete the current file or all files.
3. Click the ( **OK** ) button to confirm deletion.
4. Click the ( **↺** ) button to return to the previous level or the preview interface.



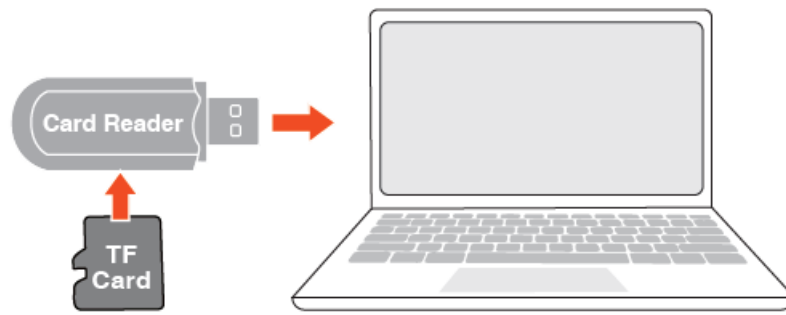
## TF card formatting

1. In the preview interface, press the (  ) button to enter the menu.
2. Click the (  /  ) button to select the "Format" option and press the (  ) button to enter the options interface.
3. Select the "OK" option and press the (  ) button to confirm.
4. Just wait for the formatting to complete and press the (  ) button to return to the preview interface.



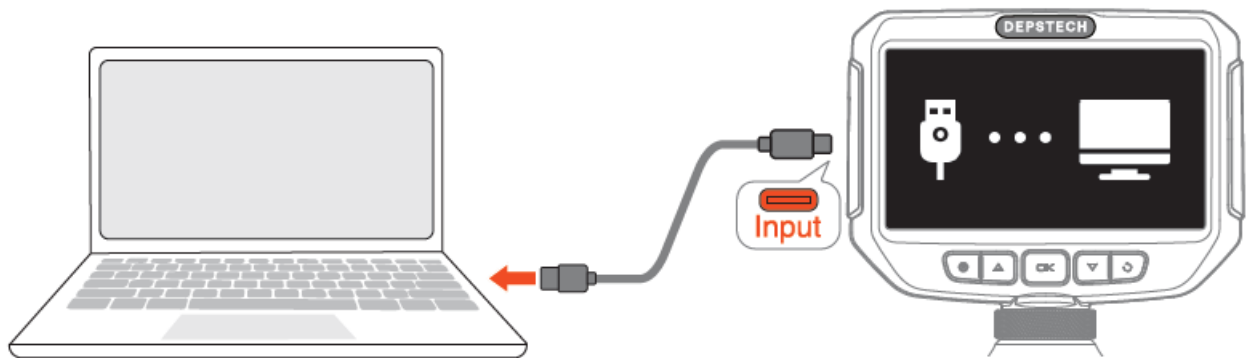
## Copy photos and videos to your computer

1. Copy files directly using a TF card.



2. Use a Type-C data cable to connect a computer and transfer data.

1. Connect the product to your computer with a Type-C cable.
2. Select data transfer mode and press the ( **OK** ) button to confirm, then you can copy photos and videos to your computer for saving.
3. When the Type-C cable is plugged off, the device will automatically exit data transfer mode and return to the image preview interface.




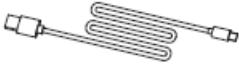

## Recharging

1. Connecting the device to a DC 5V adapter for charging.
2. When the device is charging, the red indicator light flashes, and when it is fully charged the indicator light turns solid.

## Specification

Camera	Camera diameter	6.2MM	8.5MM
	Snake tube length	1.5M	1.5M
	Snake tube material	Flexible Metal Hose	Elastomeric metal fixing tube
	Camera perspective	78°	120°
	Best focal length	5cm	3cm
	Sensor	1/9 CMOS	1/9 CMOS
	Rotation angle	210°	210°
	Screen size	5 inches	5 inches
Display	Battery Capacity	3350mAH	
	Working hours	Approx. 3.5 hours	
	Language	Support 7 languages	
	TF card	32GB TF card	

## Packing List

Endoscope (32G TF card inserted)	Type-C Charging Cable	User Manual
		

## FCC Requirement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

### Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off

and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### **CE compliance:**

This device complies with EN 60065 standard, which means this device will not do harm to the user or products in the following situations:

1. Electric shock
2. High temperature
3. Radiation
4. Explosion from inner
5. Mechanical Harm
6. Fire Hazard
7. Chemical burns.

#### **EU Conformity Statement:**

This product and – if applicable – the supplied accessories are marked with “CE” and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/35/EU, the RoHS Directive 2011/65/EU, and Amendment (EU) 2015/863.

#### **WEEE Notice:**

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see:

[www.recycle-this.info](http://www.recycle-this.info).

#### **2013/56/EU (battery directive):**

This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: [www.recyclethis.info](http://www.recyclethis.info).

- **EC REP:** E-CrossStu GmbH. Mainzer Landstr.69,60329 Frankfurt am Main
- **UK REP:** DST Co., Ltd. Fifth Floor 3 Gower Street, London, WC1E 6HA, UK.

#### **Customer Services**

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

- at [www.depstech.com](http://www.depstech.com).
- [support@depstech.com](mailto:support@depstech.com).
- **Facebook Official Page:** [@DEPSTECH.FANS](https://www.facebook.com/DEPSTECH.FANS).

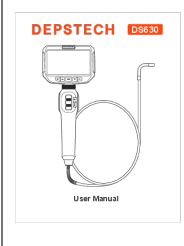
**Shenzhen Deepsea Innovation Technology Co., Ltd.**

Room 1901-1902, Jinqizhigu Building, No.1 Tangling Road, Nanshan District, 518055, Shenzhen, CN.

Made in China.

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## Documents / Resources

	<p><a href="#">DEPSTECH DS630 Two Way Articulating Borescope</a> [pdf] User Manual</p> <p>DS630, DS630 Two Way Articulating Borescope, Two Way Articulating Borescope, Way Articulating Borescope, Articulating Borescope, Borescope</p>
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## References

- [this.info](#)
- [DEPSTECH Official Website | Borescopes, Webcams, Endoscopes, Otoscopes](#)
- [HOME](#)
- [User Manual](#)