Manuals+ — User Manuals Simplified.

DEPSTECH DS630 Two Way Articulating Endoscope Inspection Camera User Manual

Contents

DEPSTECH DS630 Two Way Articulating Endoscope Inspection Camera

Specifications

- Model: DS630
- Language: English
- Power button / Lens light adjustment button
- Photo/Video capture
- Charging indicator
- Steering wheel for camera angle adjustment
- Menu button
- Image zoom-in button
- OK button for album access and confirmation
- Image zoom-out button
- Image rotation button
- Type-C charging port
- TF card slot (supports up to 32GB)
- Reset button

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℉ (0~45℃).
- 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**

   Click to enter menu.

6. **Image zoom-in button**

   Click on the image in the preview interface to zoom in, and click in 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.
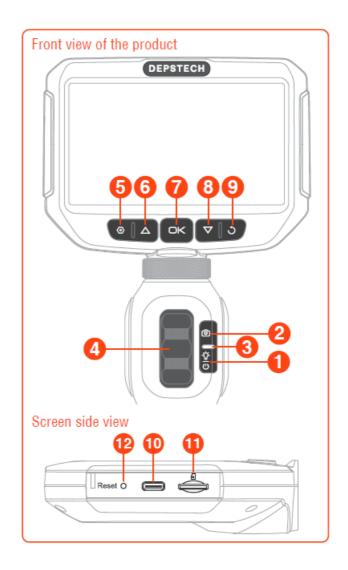
8. **Image zoom-out button**

   Click on the image in the preview interface to zoom out, and click in 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.

Front view of the product

Screen side view

10. **Type-C charging port**

For charging (Type-C cable connected to adapter)

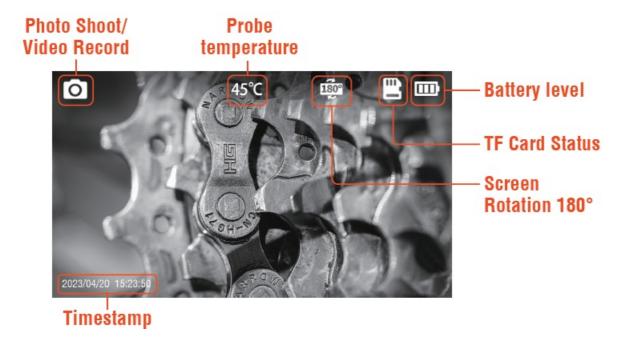For data transmission (Type-C cable connected to PC client).)

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

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. And only the camera probe part is waterproof.
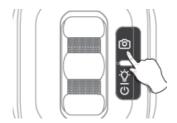
Album interface

File number

Photography date

Current playback duration / Total video duration

Resolution

File Size

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 OK button to select desired language.

2. Click on (△ / ▽) button to select the desired language, click on OK button to confirm the language.

3. Click (↻) button to return to the image preview interface.

Photo/video

1. Click button to take a photo.

2. Press and hold button to start recording, and click again to end recording.

View photo/video

1. In the preview interface, press and hold OK button for 2s to enter the album.

2. Click (△ / ▽) button to view a photo or video, click OK button to view a photo or play a video.

3. Click OK button to return to the previous level and exit the album.

Delete photos/videos

1. When viewing photos/videos, press (⚙) button to access the photo/video details interface.

2. Click (△ / ▽) button to delete the current file or all files.

3. Click OK button to confirm delete.

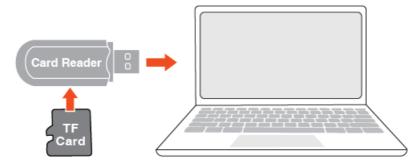4. Click (↻) button to return to the previous level or the preview interface
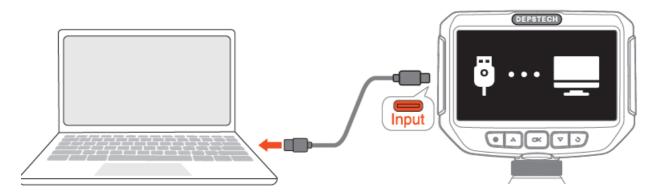

TF card formatting

1. In the preview interface, press (⚙) button to enter the menu.

2. Click (△ / ▽) button to select the "Format" option and press OK button to enter the options interface.

3. Select " OK " option and press button to confirm.

4. Just wait for the formatting to complete and press (↻) button to return to the preview interface.

Copy photos and videos to your computer

1. Copy files directly using a TF card.

2. Use 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 (↻) 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.
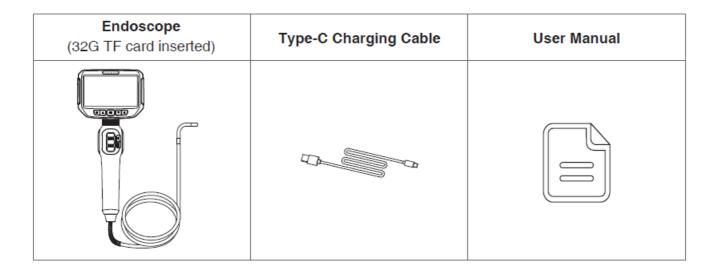

Recharging

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	6MM	8MM
	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 receiver.
- Connect the equipment into 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 as following situations: 1

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 too 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**

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**

Customer Services
Please contact us if you have any questions, we love to hear from you
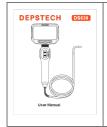**www.depstech.com**

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Documents / Resources

DEPSTECH DS630 Two Way Articulating Endoscope Inspection Camera [pdf] User Manual
DS630 Two Way Articulating Endoscope Inspection Camera, DS630, Two Way Articulating Endoscope Inspection Camera, Articulating Endoscope Inspection Camera, Endoscope Inspection Camera, Inspection Camera, Camera

References

- ⊕ **this.info**
- **D** **DEPSTECH Official Website | Borescopes, Webcams, Endoscopes, Otoscopes**
- ⊕ **HOME**
- **User Manual**