



G9300HD

ARTICULATING BORESCOPE

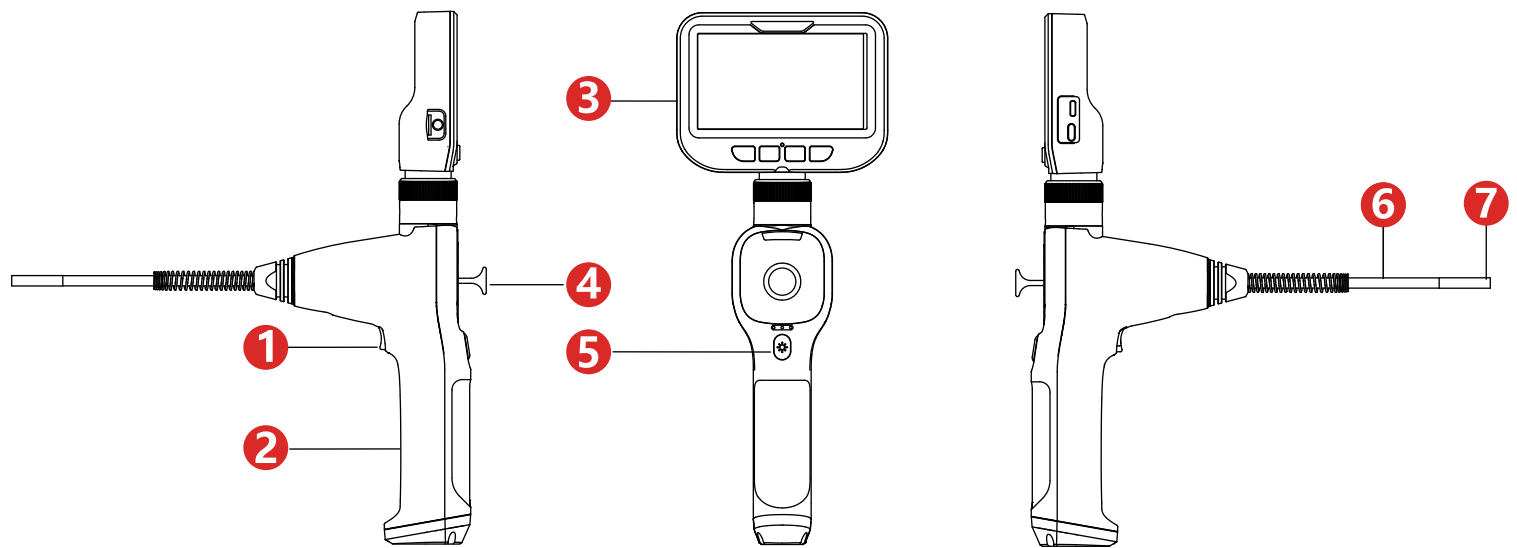
HD 1080P Inspection Camera

USER MANUAL



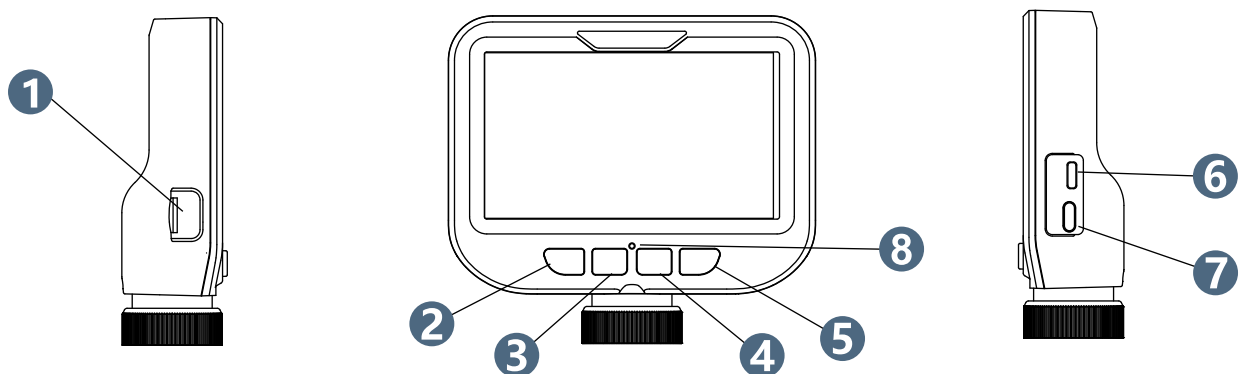
Introduction

Please read this manual carefully before using the Borescope and follow herein instructions to avoid damage caused by improper use.



- ① Take Photo/Video/Pause/OK
- ② Handle
- ③ Display
- ④ Borescope Camera Head Movement Joystick

- ⑤ LED Adjustment
- ⑥ Flexible Snake Tube
- ⑦ Camera Head



- ① SD Card Input
- ② UP/Zoom
- ③ Settings/Playback/Back
- ④ Down/Image Rotate

- ⑤ Confirm/Photo
- ⑥ Type C charging interface
- ⑦ Power ON/OFF
- ⑧ Charging/Power On Indicator Light

Icon display information

SD card:



No SD card



With SD card

LED light:



Level 1



Level 2



Level 3



Level 4 (Turn off)

Rechargeable Battery:



Power 25%



Power 50%



Power75%



Full



Battery Runs Out
Charge Immediately



Charging

Product features

- 4.3 Inch LCD colour display
 - 1920*1080P Photo/Video resolution
 - 6.2mm Camera lens diameter
 - 1 Metre snake tube length
 - 2 Mega pixel photo images*
 - 20-100mm Depth of field
 - 90° Wide angle
 - 1/9" CMOS sensor
 - Dimmable LED light
 - 360° Rotating head
 - 4400mAh Rechargeable battery
 - Multi-language
 - Video recording*
- *Micro SD card required, not included.
Supports up to 32GB.

Inclusions

- 1x Inspection camera
 - 1x Protective carry case
 - 1x Cleaning pad
 - 1x Type C Charging cable
- *USB Charger required, not included

Using your Borescope

Power On/Off

1. Press and hold the  button on the side of the monitor to turn the borescope ON. The handle and monitor screen indicator lights, light up blue. Press and hold the  button again to turn the borescope OFF.

LED Light Adjustment

After powering ON, the LED lights brightness can be adjusted or turned OFF (4 levels), by pressing the  button on the handle repeatedly.

Moving the Borescope Camera Head

You can move the Borescope Camera Head a full 360 degrees by rotating the joystick below the monitor screen.

Settings access

Short press  button to access the settings menu. Press the arrow buttons to navigate through each setting. Press the OK button to enter the setting. Press the OK button to confirm the setting. Press the back button to go back a directory and again to exit the settings menu.

How to take Videos and Pictures

In picture mode, a  symbol will appear on the top left hand side of the screen. Press the photo/video button on the handle or the  button to take a photo.

Long press the photo/video button on the handle or the  button to change to video mode, a  symbol will appear on the top left hand side of the screen. Press the photo/video button on the handle or the  button to start and stop recording.

Viewing Recorded Videos and Pictures

Long press  button to display images and recorded videos. The icon  is displayed in the upper left corner of the screen when in album mode. Press the arrow buttons to navigate through each image or recorded video. Press the  button to play/pause/view or press the photo/video button on the handle. Long press  button to exit.

Deleting photos and videos

In album mode, select the photo or video you want to delete. Short press the  button to Delete/Protect/Slideshow saved files. Press the arrow buttons to navigate through each directory. Press the  button to confirm, or press the photo/video button on the handle. Long press  button to exit.

Image and video transfer

Using the supplied cable, files can be transfer to your computer. A folder will display on your desktop called DCIM. Inside will be photo (jpeg files) and video (AVI files).

Settings

Language settings	Simplified Chinese, Traditional Chinese, Japanese, English, Korean, French, Spanish, German, Italian, Russian
Date/Time	Year / Month / Day
Automatic shut down	Off / 3 / 5 / 10 Minutes
Resolution	FHD 1920 x 1080 / HD / VGA
Time stamp	Off / On
Brightness	20 / 40 / 60 / 80 / 100%
Storage	SD card space
Format	Format / Delete all data
Default setting	Reset all settings
Version	Firmware status

Notice and cautions

- *Please do not use the product in areas where it may be exposed to any electrical objects, as the exposed metal parts can be electrically conductive and may cause unexpected accidents.
- *Please do not allow minors to operate this endoscope.
- *Please do not allow the use of the borescope for medical, human or animal testing.
- *Please keep the product clean, avoid exposure to the sun, or direct contact with water, oil and corrosive liquids.
- *The whole machine is not waterproof, the snake cable and borescope head are IP67 waterproof.
- *Please use the supplied USB cable for charging.

Specifications

Camera Lens Diameter	6.2mm
Snake Tube Length	1 metre
Pixels	2 Mega Pixel
Depth of Field	20-100mm
Field Of View	90°
LED Lamp Beads Quantity	6 LED lights
Sensor	1/9" CMOS
Photo/Video Resolution	1920*1080P
Manual Dimming	Support
Rotation Angle	360° in both directions
Snake Tube Material	Flexible Metal Tube
Battery Type	4400mAh Polymer Lithium Battery
Charging	DC5V 1A; 3.7V/4400mAh About 5 hours running time
APP Language	Supports multiple languages
Micro SD Card (not included)	Supports up to 32GB

Battery installation

NOTE: Before use and after storing the Borescope fully charge. Once the battery is fully charged the charging indicator light will change from red to green.

1. Unscrew the battery screw cover on the bottom of the handle to access the two 18650 Lithium-ion batteries.
2. Please pay special attention to the positive and negative poles of the 18650 Lithium-ion batteries. These correspond to the positive poles on the bottom cover.
3. Once correctly positioned, replace the cover and screw to secure.



Troubleshooting

Fault	Root Cause	Measure
Unable to Power-on	1.Flat Battery 2.Incorrect Installation	1.Please recharge or replace the battery 2.Please check the battery and battery compartment contact if it is dirty or deformed, then reinstall the battery (refer to page 5 of manual)
Auto Power-off	Low Battery	Please recharge or replace the battery
Boot screen stuck	1.Failed to start the system 2.Low Battery	1.Reassemble the battery and restart it, then charge it 2. Remove screen monitor from handle and re-attach to handle
Image cannot be recorded or found	SD card capacity is full or faulty	1.Replace the SD card or delete unnecessary files 2.Format the SD Card
"SD card error" or "Format" when inserting	Card is not inserted correctly or faulty SD Card	1.Clean the SD card contact 2.Reinstall the SD card
Can't charge	1.The charging interface is dirty 2.Damaged charging cable 3. Faulty battery	1.Clean the charging interface and re-plug it in 2.Replace the charging cable or charger 3. Replace battery (18650)
Blurry Image	1.The camera lens is dirty 2.The camera lens is not within the range of the depth-of-field 3.Damaged lens due to high temperature 4. Damaged lens	1.Clean the camera lens with the lint-free cloth supplied 2.Please place the camera within the depth of field range of 20-100mm 3.Do not place the camera in a high temperature environment (below 70°C) 4. Contact an authorized repairer

Technical assistance

If you need assistance setting up or using your Aerpro product now or in the future, call Aerpro Support Australia

TEL: 03 – 8587 8898 FAX: 03 – 8587 8866 Mon-Fri 9am – 5pm AEST

EMAIL: service@tdj.com.au

This manual is considered correct at time of printing but is subject to change. For latest manuals and updates refer to the website.

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