

# User Manual

# H7<sup>4K</sup><sub>UHD</sub>



2-inch  
LCD



Wide Angle  
Lens



4K@10fps



Waterproof  
up to 30m



1.5 Hours

## Cautions

- > Do not drop your camera.
- > Do not place heavy objects on the camera.
- > Keep the camera away from water and liquids (unless used in the waterproof case). This may cause the camera to malfunction.
- > Recharge the battery via the USB cable.
- > The camera should not be in heat over 65°C.
- > When the camera cannot work well, please don't disassemble it by yourself, if your behavior cause damage, the original factory will not undertake responsibility.
- > Please don't use the camera while the battery is charging.

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## KEY FEATURES

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- **Video resolution:** 4k@10fps, 2.7k@15fps, 1080p@60fps, 720p@120fps, 720@60fps.
- **Image resolution:** 8MP, 12MP (interpolation).
- Supports **Wi-Fi connection**, range up to 15 meters.
- Supports 2.4G **Wireless remote control**.
- **Underwater 30 meters** when bundled with waterproof case.
- **2" TFT LCD** screen.
- **3.7V/1000mAh** built-in Lithium-ion battery.

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## WHAT'S IN THE BOX

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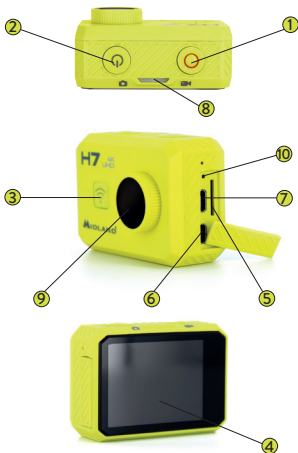
- Camera
- Remote control
- Waterproof case
- Portable frame
- Curved mount
- Flat mount
- 3M adhesive (2)
- Basic mount with screw
- USB Cable
- Screw



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## CAMERA DIAGRAM

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① Shoot Button

② Power Button

③ Wi-Fi Button

④ LCD screen

⑤ Micro SD interface

⑥ Mini HDMI interface

⑦ USB interface

⑧ LED indicator

⑨ Lens

⑩ Reset Button

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## HOW TO USE YOUR CAMERA

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### Turn on / off

**Turn on:** press and hold the **Power** Button for 2 seconds, the LED indicator will turn red. The camera defaults to video mode when turned on.

**Turn off:** press and hold the power Button for 2 seconds.

### Modes

Midland H7 has 4 different operative modes: **Video**, **Slow Motion**, **Picture** and **Play back**. To switch to different modes you have to press **Shoot** Button for 1,5 seconds:

Video ⇨ Slow Motion ⇨ Picture ⇨ Play back

### Take a Video

By default, the camera is on video mode when it is turned on.

Press **Shoot** Button once to start recording.

Press **Shoot** Button again to stop recording, the video clip will be saved automatically.

### Slow Motion

Slow motion is an effect in film-making whereby

time appears to be slowed down. It achieved when each film frame is captured at a rate much faster than it will be played back.

Press **Shoot** Button for 1.5 seconds to switch from Video mode to Slow Motion mode.

Press **Shoot** Button once to start recording on Slow Motion mode.

Press **Shoot** Button once to stop recording.

### **Shooting Single Picture**

Press and hold **Shoot** Button for 1.5 seconds to switch from Slow Motion mode to Picture Mode.

Press **Shoot** Button once to shoot a single picture.

### **Playback mode**

Press and hold the **Shoot** Button for 1.5 seconds to switch from Picture Mode to Playback Mode.

On this mode you can review all your captured videos and photos.

Use **WiFi** Button to scroll, **Shoot** Button to enter and play, **Power** Button to enter to protect/delete file menu.

Press and hold **Shoot** Button for 1.5 seconds to swift to Video Mode.

## **Charging the camera**

Connect the camera to the PC via USB cable. The red indicator will be on, charging is in process.

When the battery is fully charged, the red indicator will turn off. It takes around 2.5 hours to fully charge the battery.

## **Insert the TF Card**

Insert a Micro SD card into the card slot according to the direction shown on the camera.

- > We suggest using  $\geq$ CLASS 6 (High speed) Micro SD card for smoothly shooting purpose. Lower CLASS of Micro SD Card may cause video jammed.
- > There is only one correct direction to insert the Micro SD card into the slot. Do not force the card into the card slot, as it may damage both the camera and the Micro SD card.
- > A new Micro SD card should be formatted with the camera before using.

## **How to use waterproof case**

The camera can support underwater 30 meters if mounted in the waterproof case.

- a. Open the waterproof case latch;
- b. insert the camera properly;
- c. close the waterproof case buckle.

After the use, please carefully clean the case with clean water and dry with a dry cloth.

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## SETTING YOUR CAMERA

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### Video mode setting

When the camera is on Video Mode, press the **Power** Button once (release immediately, if it is held too long, the camera will switch off), then enter the Video Setting menu. Use the **Wi-Fi** Button to scroll, **Shoot** Button to confirm, **Power** Button to back to last menu.

**Resolution:** 4k@10fps, 2.7k@15fps, 1080p@60fps, 1080p@30fps, 720p@120fps, 720p@60fps are for your choice.

**Video looping:** the video will be separated into different files by the Time Length.

- > Selected "**Off**": the video will be separated into different files by 30-minutes.
- > Selected "**1 Min**": the video will be separated into different files by 1-minute.



- > Selected "**3 Min**": the video will be separated into different files by 3-minutes.
- > Selected "**5 Min**": the video will be separated into different files by 5-minutes.

For example, if you select "5 Min", time length, a 20 Minutes video will be separated into 4 Video Clips (5 Minutes each Clip).

**White balance:** the default set is auto, you can adjust the mode as concrete lighting condition.

**Microphone:**

- > Select "**On**", shoot video with sound.
- > Select "**Off**", shoot video without sound.

**Date Stamp:** you can set time and date stamp on video or not.

## **Picture mode setting**

When the camera is on Picture Mode, press the **Power** Button once (release immediately, if it is held too long, the camera will switch off), then enter the Picture Setting Menu. Use the **Wi-Fi** Button to scroll, **Shoot** Button to confirm, **Power** Button to back to last menu.

**Resolution:** 3m, 5m, 8m, 12m. The higher resolution, the better image quality.

**Quality:** the higher quality setting, the better

photo image quality.

**Metering:** different options to determine the exposure.

**White balance:** the default setting is Auto, you can adjust the mode as concrete lighting condition.

**ISO:** to determine how sensitive the camera sensor is.

**Exposure:** light exposure, the higher exposure the faster image speed, high exposure suit to dark environment.

**Self Timer:** if on, the user can auto image capture every 2 or 10 seconds.

**Date Stamp:** you can set time and date stamp on photo or not.

### **Set-up more**

When the camera is on Photo or Video Mode, press **Power** Button once, then press and hold **Shoot** Button for 1.5 seconds and enter the Set-up More menu. Use the **Wi-Fi** Button to scroll, **Shoot** Button to confirm, **Power** Button to back to last menu.

**Screen Saver:** select 1, 3, 5 min option, the camera LCD screen will be off if no operation after 1, 3, 5 min.

**Auto power off:** select 1,3, 5 min option, the camera will be off if no operation after 1, 3, 5 min.

**Date & Time:** the default format is YY/DD/MM. You can set the date and time, time sequence by yourself.

**Language:** there are 8 languages for your select, including English, French, Spanish, Italian, etc.

**Power Frequency:** select correct light frequency to avoid strobing.

**Screen rotation:** when selected, the monitor image will turn upside down.

**Time lapse:** when played at normal speed, time appears to be moving faster and thus lapsing.

**System:** you can check the system, TF card info, and reset it to factory default setting.

**Wi-Fi Password:** set the Wi-Fi password by yourself. The original Wi-Fi password is "1234567890".

**Wi-Fi SSID:** set the Wi-Fi ID by yourself. The default SSID is "WiFi\_Cam\_000".

**Format:** you can format the TF card on camera.

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## WI-FI SET-UP

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**Note:** make sure your camera is full of power before using the Wi-Fi function.

- a. Download the App “**iSport Cam**” to your smart-phone or tablet from Google play store or Apple App store;
- b. turn on the camera, then press the **Wi-Fi Button** to enter into the Wi-Fi mode;
- c. go to Wi-Fi setting of your smart-phone or tablet, then you can see “**WiFi\_Cam\_000**” in your list;
- d. input password “**1234567890**” to connect the camera with your smartphone or tablet;
- e. open the App “**iSport Cam**”.

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## REMOTE CONTROL (OPTIONAL)

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**Note:** before using the remote control, please charge it's battery.

**Picture key:** Press once to take a single picture.

**Video key:** Press once to start recording a video, press again to stop.

**Power off key:** Press and hold for 4 seconds to turn off the camera.

**Indicator function:**

> **Left indicator:**

- > When Wi-Fi is connected, flicker with blue.

> **Middle indicator:**

- > When paired finished, light with blue;
- > when during charging, light with red;
- > during charging when camera is on, light with purple.

> **Right indicator:**

- > When video recording, flicker with green;
- > when picture captured, flicker once for each single picture.

**ATTENTION:**

the remote control is **not** waterproof

**Pairing your camera and remote control**

- Press and hold the **Picture & Video** keys for 3 seconds, then release;
- turn the camera on;
- when the camera enters into the real live interface, and the middle blue indicator lights up, the pairing is finished.

**Note:** Only need to pair once, afterwards the camera will recognize automatically;

Wi-Fi function & remote controller can not be used simultaneously.

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### PC CAMERA (WEBCAM)

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The Camera can be used as a PC camera (webcam).

- a. Connect camera and PC via a USB cable;
- b. turn the camera on;
- c. when the camera monitor shows "MSDC" icon, press the **Shoot** Button to switch to "PC CAM" mode.

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### CONNECT WITH TV

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You can playback captured videos and pictures on TV via a HDMI cable.

- a. Connect the camera to TV via a HDMI cable;
- b. power the camera on;
- c. the TV screen will show the active scene. You can shoot the picture or video same with the operation of camera. Also you can playback them on the TV;

- d. press and hold **Power** Button for 2 seconds to turn off the camera.

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## TRANSFERRING FILES TO PC

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You can transfer captured videos and pictures to PC.

- a. Connect camera and PC via a USB cable;
- b. turn the camera on;
- c. when the camera monitor shows “MSDC” icon, it means your camera can be used as a “USB Disk”. If shows “PC CAM”, press the **Shoot** Button to switch to MSDC mode;
- d. select the files you want to transfer to your computer.

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## RESET THE CAMERA

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The “Reset” button is near to the USB and TF card interface.

When the camera does not work properly or is jammed, you might use pin to press the **Reset** Button for 2 seconds to reset the camera, so that you can restart the camera for proper shooting.

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## FAQ

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**Q: The camera cannot turn on. Why?**

A: Check if the battery is running flat. If so, charge the battery via USB cable or AC adaptor first.

**Q: The camera freezes. What should I do?**

A: Use a pin to press the reset button near to USB interface for 2 seconds, then restart the camera.

**Q: The video and photos are blurred. Why?**

A: The lens may be dirty, please clean the lens.

**Q: The camera cannot connect with PC. Why?**

A: Try another USB cable or computer USB port.

**Q: The camera will auto turn off. Why?**

A: Check if auto power off in the general setting is on. If so, turn it off.

B. Check if the battery is running flat. If so, charge the battery first.

**Note:** when camera freezes, you can press the **Reset Button** to turn off.



# LIMITED WARRANTY

The warranty does not limit the user's statutory rights under applicable National laws relating to the sale of consumer products.

During the warranty period, any fault attributable to defects in materials, design or workmanship will be repaired in a reasonable period of time free of any charge for repair. In the event repair is not possible, we should provide the user with a similar or better featured device or accessory. The warranty period starts at the time of product's original purchase by the first end-user.

## **The warranty period lasts:**

- **24 months** for the device or main unit.
- **6 months** for accessories (batterys, chargers, antennas, headhones, cables).

Any claim for defective product must be noticed within a reasonable period of time from when the defect was first observed and, in any case, after the expiration of the warranty period.

## **The warranty does not cover:**

- The product deterioration by normal use.
- Defects caused by misuse with, or connection to, any accessory or software not genuine Midland.

Warranty **is not enforceable:**

- If the product has been dismantled, modified or repaired by anyone other than the authorized service centre or if it's repaired using unauthorized spare parts.
- If the product has been exposed to environmental conditions for which it has not been designed.
- In case of corrosion, oxidation or spill battery fluid.
- If the serial number has been removed, erased, altered or is illegible.

Nobody will be indemnified for the inactivity period of the device nor can expect refund or claim for direct or circumstantial damages due to an inappropriate use of the device.

To access this warranty, please fill out the assistance application form at

**[www.midlandeurope.com](http://www.midlandeurope.com)**

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## SPECIFICATIONS

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**Video resolution:** 4k@10fps, 2.7k@15fps, 1080p@60fps, 720p@120fps

**Still photo resolution:** 8 megapixels (12 megapixels interpolated)

**Storage type:** Micro SD card up to 32GB (not included)

**Lens aperture:** F/2.5

**Lens focus:** 0.5m to infinity

**Shutter speed:** 1/30 to 1/2000 sec

**Video looping:** OFF, every 1 min, every 3 min, every 5 min

**Sensitivity:** automatic ISO 100-200

**Microphone:** built-in

**Display:** 2" TFT LCD Screen

**Wide angle:** 150°

**Resist-water:** down to 30m (with waterproof casing)

**Power supply:** 3.7V/1000mAh built-in Li-Battery

**Battery life:** about 100min video without Wi-Fi

**Video format:** MOV H.264 (4K M-JPEG)

**Still Photo format:** JPEG

**Screen rotation:** Yes 180°

**Interface:** USB 2.0 , HDMI

**Working temperature:** -10°C to +55°C

**OSD Language:** English, German, French, Italian, Spanish, Dutch

**Remote control:** Photo, Video, Power off

**Remote method:** 2.4GHz RF (direction no limited)

**Remote power source:** built-in Rechargeable 90mAh Li-Battery

**Battery life of the remote:** up to 450 minutes

**Remote WiFi range:** about 15 Meters range