



**GOXTREME**<sup>®</sup>  
PHANTOM 4K

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## IMPORTANT INFORMATION

To ensure the optimal operation of your camera, please note the following important information:

### **MicroSD card**

- Please ensure your memory card is formatted in the camera before using the card for the first time (Settings > Format). Before formatting, make sure that all the files in your memory card have been backed up as formatted and erased files can not be restored.

- The maximum capacity memory card supported is 64GB.

Use of memory cards exceeding the maximum recommended capacity may result in file errors.

- For best results, we recommend using high quality Micro SD cards rated Class 10 with U3 High Speed or higher.

Ensure a U3 rated memory card is used when recording 4K video. Using a lower rated card may present data transfer speed issues due to the large file size a 4K video produces.

- The recording time depends on the selected resolution.

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## **Charging**

- Ensure the camera is charged completely before first use.
- Keep the device away from children while charging.
- Ensure the camera is switched off when charging. If the camera turns on automatically when connected to a power source please turn it off to complete charging. A camera plugged into power and switched on will not charge.
- The camera should only be charged via the USB port of a computer or a USB power adapter with a maximum capacity of 1180mAh.
- Unplug the USB cable connected to the camera before using the camera.
- The battery life is dependent on the resolution and other settings used as well as outside temperature
  - up to 90 minutes under optimal conditions.

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## **Safety instructions**

**⚠ WARNING:** The camera is not suitable for children under 36 months because of choking hazard.

**⚠ WARNING:** Always protect your camera from falls, blows and bumps.

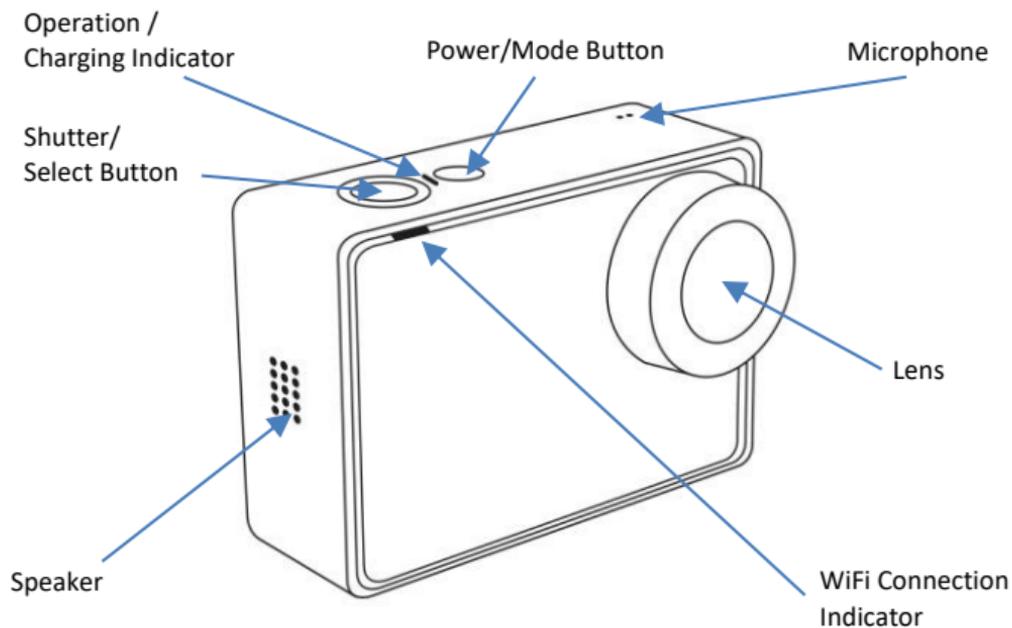
- Keep a sufficient distance from objects that generate strong magnetic fields or radio waves, such as electrical appliances to prevent them from damaging the product or affecting the sound and image quality.
- Store the device cool (at room temperature) in a dry and dust-free location and never expose the product to high temperatures or permanent direct sunlight.
- In the unlikely event of overheating, smoke or unpleasant odors coming from the unit, disconnect it immediately from the charging cable and remove the battery to avoid a fire.

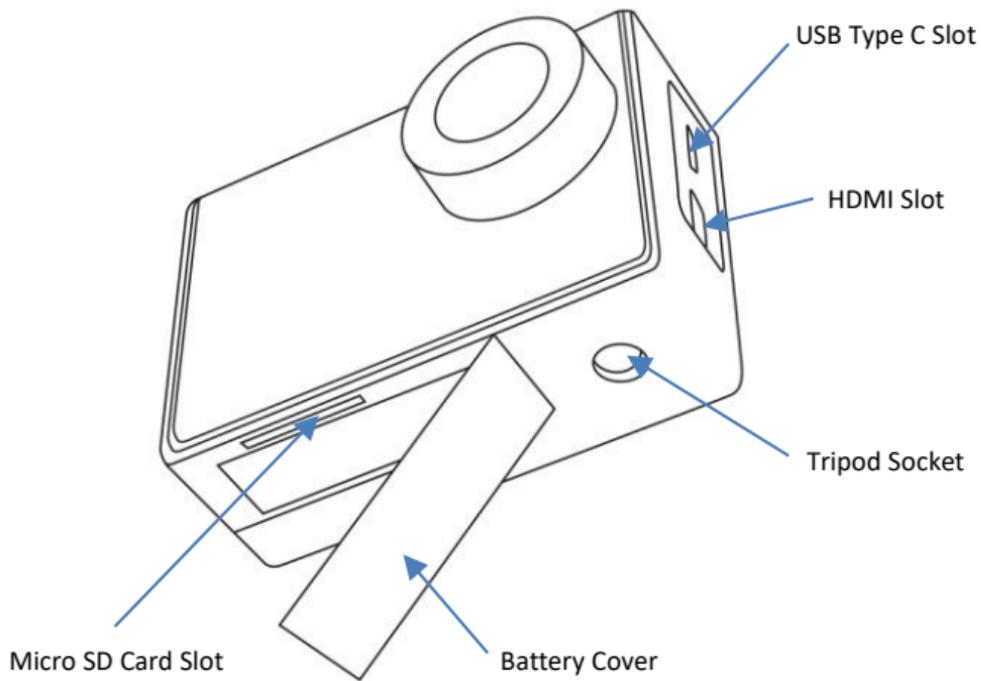
**⚠ WARNING:** Before using the camera in the water, make sure that all lids and closures on the camera and underwater housing are closed and sealed.

- After using it in salty or chlorinated water, clean the case under running tap water and let it dry.
- In order to prevent condensation inside the case or behind the lens, the camera should not be exposed to high temperature and humidity differences
- After use under water, the housing must be left open to avoid condensation or rusting.

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## CAMERA DESCRIPTION





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## CAMERA OPERATION

### Installing and removing battery

1. Correctly install the battery into the camera as indicated by the +/- symbols and direction of arrows marked on battery until it's in place.
2. For battery power:  
Please refer to the symbol: Full power mode “” low power mode “”.
3. Remove battery: Open the battery compartment cover and remove the battery.

### Please charge the battery when using the cam for the first time

When using the action camera for the first time, please make sure the battery is fully charged.

To charge the battery: Connect the camera to a computer or a TYPE C power adapter with the TYPE C data cable (supplied with the package). During charging, the status indicator LED remains red. When the battery is full, the indicator switches off.

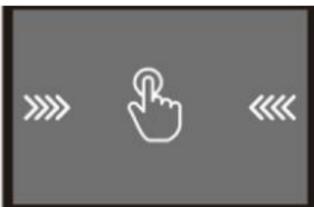
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## Power on/off

Press and hold power button  for 3-5 seconds to turn the camera on/off.

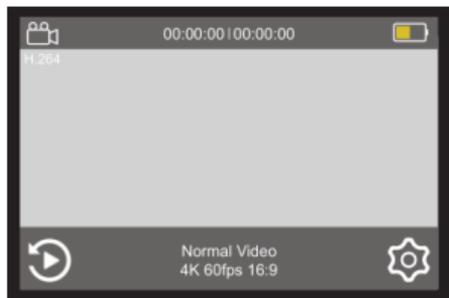
## Video and photo mode switching

1. Switch between video and photo by short-pressing the power button.
2. Simply swipe to the left or right on the touch screen to change between video shooting mode and photo shooting mode.



## Video/Photo General Settings Menu

While in either video or photo mode, click setup icon , enter the video/photo settings interface.



	Resolutions	4K 60fps >
	Video Encoding	H.264 >
	Video Quality	S.Fine >
	FOV	Wide >

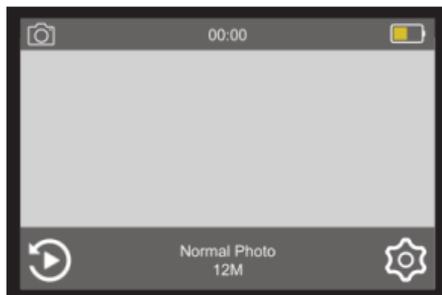


	Photo Size	12M >
	Photo Quality	S.Fine >
	Self Timer	Off >
	Shutter Time	Off >

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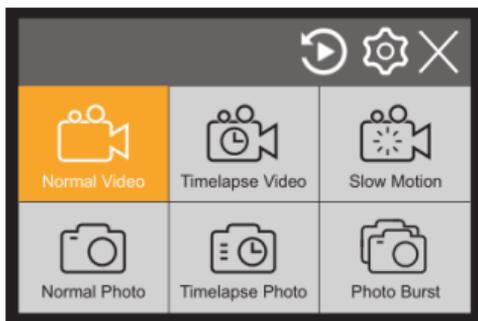
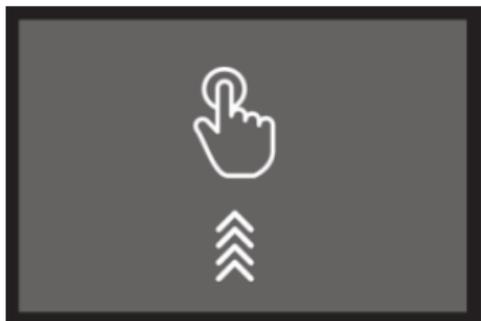
## **Video / Photo Function Mode Menu**

There are 2 options to enter the video or photo function mode menu:

1. Using buttons: In the video / photo preview mode, long press the shutter / select button for 3 seconds to enter the function mode menu .

2. Touch operation:

Simply swipe up on the touch screen to enter the function mode interface.



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## Video Mode

After the camera is powered on, the camera's default function mode is standard video mode. The last used video function mode will also be active.

Tapping the video settings button  will allow you to change the current resolution and other video settings.

Pressing the "shutter / select" button  starts the video recording. While recording, the status indicator LED flashes blue. Press the shutter button again to stop the video recording.

While recording, the camera can not perform other touch operations until pressing the button to stop recording. If you want to perform other operations, please stop recording first.

When the battery is exhausted, the camera will stop working and shut down automatically. However before shutting down, the video currently being recorded by the camera will be saved automatically.

## Time-lapse Video

Enter the function mode menu and select the "Time Lapse Video" option. When selected, the camera will return to the video preview screen automatically. Tap the "Settings" icon  and scroll down to the "Timelapse Video" menu option to select your preferred time-lapse setting.

***Please note: When switched on again the camera will start in the mode last used.***

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## Slow Motion

Enter the function mode menu and tap the "Slow Motion" mode icon. When selected, the camera will return to the video preview screen automatically. Tap the "Settings" icon  and tap the "video resolution" option to select the slow motion resolution.

## Photo Mode

**There are 3 options to enter the Photo Mode:**

1. Touch operation:

In the video preview interface, swipe up to enter the function mode menu and then click the "Normal Photo" icon.

2. Simply swipe left or right on the touchscreen to switch from Video mode to Photo mode

3. Key operation: In video mode, short press Power / Mode button  to switch to the normal photo preview screen.

Enter the photo settings menu and select your preferred photo resolution.

Press the "Shutter / Select" button  to take a picture, and you will hear a shutter sound to confirm your photo has been captured.

The counter at the top of the screen indicates the number of photos taken and the remaining photo capacity considering the memory cards current state.

## Time-Lapse Photo

Enter into the function mode menu and touch the "Time Lapse Photo" mode icon, the camera will return to the Photo preview interface automatically. Click the " Setting " icon  to enter the photo setting menu and then click "Time Lapse photo" menu to set the time-lapse photo.

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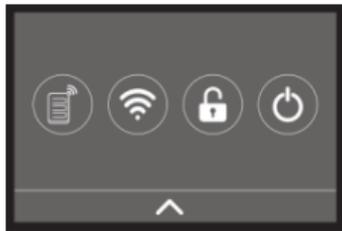
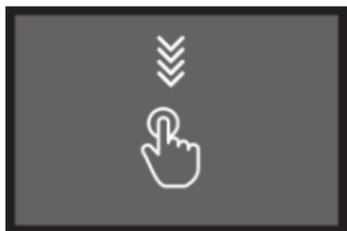
## Photo Burst

Enter the function mode menu and tap the "Photo Burst" mode icon. When selected the camera will return to the Photo preview screen automatically.

Click the "Settings" icon  to enter the photo settings menu and tap "Photo Burst" to select your preferred setting.

## Control Shortcuts

Swipe down to reach to a control panel that allows you to easily turn on WiFi or Bluetooth, lock the screen or turn off the camera.



## Playback

If you want to browse video and photo files on the camera, please switch to playback mode: In the video / photo preview screen, click the Playback icon to enter the main interface of the playback menu where you can choose video files or photo files to playback.

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## WiFi Connection

Before using the WiFi Control function, please install the **GoAction H22 APP** on your smartphone or tablet.

Please note that wireless transfer of files using the app is not possible for video with resolution higher than 1080p. Files using any resolution higher than 1080p can only be accessed via your computer using a card reader.

### Connection steps:

#### Step 1. On the camera:

- In the video / photo mode, click the  icon at the bottom right corner of the screen to enter the settings menu.
- In the settings menu tap the  icon on the left hand side of the screen and scroll down to "WiFi".
- Tap to activate the WiFi and the screen will display the following:  
SSID: Phantom\_XXXX and PWD: 1234567890

Leave the camera like this and take your smartphone now ...

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Step 2. On your smartphone/tablet:

- Open the WiFi settings on your mobile phone to search for the camera device: Phantom\_XXXXXX from the available wireless networks.

The password to complete the connection is 1234567890.

- Exit your WiFi setting menu on your smartphone and open the GoAction H22 APP.
- Tap 'Connect' on the app to connect your camera and smartphone.

Please note: To prolong battery life, please remember to de-activate the WiFi function after use.

## Bluetooth Remote Control



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### **Connection steps:**

- Press the "Power ON/OFF" on the remote control for 5 sec. to turn it on.
- In the video / photo mode, click the  icon at the bottom right corner of the screen to enter the settings menu.
- In the settings menu tap the  icon on the left hand side of the screen and scroll down to "Bluetooth Pair".
- Click "Bluetooth Pair" in the settings menu, then press any button on the remote.
- The working indicator remains illuminated red to indicate a successful connection.

**Note:**

Should the camera crash for any reason, please reset the camera by removing and re-installing the battery.

<b>TECHNICAL SPECIFICATIONS</b>		
<b>Image Sensor</b>	Type	1/2.3" CMOS 12MP
	Effective Pixels	Approx. 12 Mega Pixels (4000x 3000)
	Output Pixels	Approx. 12.35 Mega Pixels
<b>Lens</b>	Focal Length	Lens f= 5.03mm
	F No.	F= 2.8
	F.O.V(D)	Approx. 170° 166° (H=121° V=90°)
<b>LCD Display</b>		2.35"/5.9cm Touch screen
<b>Focusing</b>	Type	Fixed
<b>Exposure</b>	Control	Programmed AE
	Compensation	±2EV (0.33 EV steps) - 2.0/1.0/+0.0/+1.0/2.0
	ISO	Auto, 100, 200, 400, 800, 1600, 3200, 6400
<b>External MIC</b>		Supported

## Video resolution

### NTSC:

4K (3840x2160) 60fps/30fps/24fps 16:9

4K (3840x2880) 30fps/24fps 4:3

4K Ultra (3840x2160) 30fps/24fps

2.7K (2704x1520) 60fps/30fps/24fps 16:9

2.7K (2704x2016) 60fps/30fps/24fps 4:3

2.7K Ultra (2704x1520) 60fps/30fps/24fps

2.5K (2560x1440) 60fps/30fps/24fps 16:9

1080P (1920x1080) 120fps/60fps/30fps/24fps 16:9

1080P Ultra (1920x1080) 60fps/30fps/24fps

720P (1280x720) 240fps/120fps/60fps/30fps/24fps 16:9

### PAL:

4K (3840x2160) 50fps/25fps/24fps 16:9

4K (3840x2880) 25fps/24fps 4:3

4K Ultra (3840x2160) 25fps/24fps

2.7K (2704x1520) 50fps/25fps/24fps 16:9

2.7K (2704x2016) 50fps/25fps/24fps 4:3

2.7K Ultra (2704x1520) 50fps/25fps/24fps

2.5K (2560x1440) 50fps/25fps/24fps 16:9

1080P (1920x1080) 100fps/50fps/25fps/24fps 16:9

1080P Ultra (1920x1080) 50fps/25fps/24fps

720P (1280x720) 200fps/100fps/50fps/25fps/24fps 16:9

<b>Audio</b>	Mic and Speaker built-in
<b>Smooth Video / EIS:</b> Minimizes small movements that traditional tech can't detect.	On/Off
<b>Bluetooth Pairing</b>	Allows the camera to connect to the remote controller
<b>BT Auto Open:</b> Turns on Bluetooth automatically when the camera is turned on.	On/Off

<b>Memory</b>	No internal memory External memory: supports Micro SD Cards up to 64GB (U3)
<b>HDMI OUT</b>	Supports 4K
<b>Image Size</b>	16M (4608x3456 4:3) 14M (4352x3264 4:3) 12M (4000x3000 4:3) 8M (3840x2160 16:9) 5M (2560x1920 4:3) 3M (2048x1536 4:3)
<b>Field of view (FOV):</b> Indicates the width of the field of view captured by the camera sensor.	Wide/Medium/Narrow
<b>Auto Low Light:</b> For best results in low-light environments.	On/Off

<b>Motion Detection:</b> Allows the camera to automatically begin recording after detecting motion.	On/Off
<b>Dual Files:</b> The camera can create two files for one video, one large (file name ending in AA) and one small (file name ending in AB). When you want to view videos using your camera (or phone), the smaller file will play for smoother playback.	On/Off
<b>Auto DVR:</b> When the DVR function is on, Auto DVR mode will allow the camera to start recording automatically when it detects power.	On/Off
<b>Switch-Off Delay:</b> When the camera is in Auto DVR mode and Delay Off is on, it keeps your camera recording even during a collision or after an accident when power has been disconnected.	On/Off
<b>Mic Volume:</b> Adjusts the recording volume from 0% to 100%.	Off, 50%, 60%, 70%, 80%, 90%, 100%
<b>Sharpness:</b> Determines the amount of detail the imaging system will reproduce.	Strong, Normal, Soft
<b>Scene Mode:</b> Applies pre-set exposure modes that are optimized for specific scenes	Multiple scenes

<b>Effect Mode:</b> Applies different special effects filters.	Supports multiple modes
<b>Metering:</b> Captures better visuals more consistently by adjusting for light sensitivity from different sources.	Center, Multiple, Spot
<b>Time-lapse Photo:</b> The camera will take still pictures at designated intervals.	OFF / 1Sec. / 2 Sec. / 5 Sec. / 10 Sec. / 30 Sec. / 60 Sec.
<b>Photo Timer / Self-timer:</b> Sets a delay timer for selfie or group photos.	OFF / 3 Sec. / 5 Sec. / 10 Sec. / 30 Sec. / 60 Sec.
<b>Shutter Time:</b> Also known as Long Exposure	Multiple time intervals
<b>RAW Photo:</b> Phantom will produce the same photo in both JPG and RAW format.	On/Off
<b>EV:</b> Determines how light or dark an image will appear.	-2----0-----+2
<b>ISO:</b> Adjusts your camera's level of sensitivity to available light. The lower the ISO the less sensitive, the higher the ISO the greater the sensitivity of the camera.	Auto, 100, 200, 400, 800, 1600, 3200, 6400, MAX200, MAX400, MAX800, MAX1600, MAX3200, MAX6400
<b>Distortion Correction:</b> Also known as fish eye adjustment. Mitigates the fish eye effect and adjusts wide-angle distortion.	On/Off

<b>Image Rotate:</b> Turns the screen will 180 degrees.	On/Off
<b>Quick Capture:</b> Allows the camera to start recording automatically when turned on.	On/Off
<b>Dzoom:</b> Also known as digital zoom	On/Off
<b>Grid Display:</b> Places a 3x3 grid on your screen.	On/Off
<b>TV Mode</b>	Works with both NTSC and PAL setups.
<b>Auto Power Off:</b> Sets a timer allowing the camera to turn off automatically.	OFF / 3Min / 5Min / 10Min
<b>Screensaver:</b> Set a time interval to automatically turn off the camera's screen to save battery.	OFF / 30 Sec / 1 Min / 2Min / 3Min / 5Min / 10Min
<b>Light Frequency:</b> Prevents flickering in your video under different light sources thanks to two different built-in frequency settings.	Auto, 50HZ, 60HZ
<b>Status LED:</b> Turns on or off the LED status light.	ON / OFF
<b>WiFi LED:</b> Turns the LED WiFi indicator light on or off.	ON / OFF

<b>Beep:</b> Turns on or off the beeping sound made by the buttons.	ON / OFF
<b>WiFi SSID</b>	Phantom_xxxxxx
<b>WiFi Password</b>	1234567890
<b>WiFi Frequency</b>	2,4 GHZ
<b>Language</b>	Multiple languages
<b>Interface</b>	USB TYPE C 3.0: Recharging/File Transfer
<b>Battery</b>	Li-ion rechargeable Battery 1180mAH
<b>Dimensions (WxHxD)</b>	L: 66xW:42xH:23.5mm (without lens)
<b>Support</b>	Mass Storage Driver Windows XP(Service pack 2) or later Mac OS X 10.6.11 or later



All product specifications are correct at time of print  
and are subject to change without prior notice.

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For technical help please visit our support area on [www.easypix.eu](http://www.easypix.eu).

#### **CONFORMITY**

We hereby declare that the CE marking has been affixed to this product in accordance with the essential requirements and relevant provisions of the European directives.



The EC Declaration of Conformity can be downloaded here:

[http://www.easypix.info/download/pdf/doc\\_goxtreme\\_phantom.pdf](http://www.easypix.info/download/pdf/doc_goxtreme_phantom.pdf)

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## DISPOSAL



### Dispose of packaging

For disposal, separate packaging into different types. Cardboard and board must be disposed of as paper and foil must be recycled.



**Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union.** This symbol on the product or on the packaging indicates that this cannot be disposed of as a household waste. You must dispose of your waste equipment and/or battery by handing it over to the applicable take-back scheme for the recycling of electrical and electronic equipment and/or battery. For more information about recycling of this equipment and/or battery, please contact your city office, the shop where you purchased the equipment or your household waste disposal service. The recycling of materials will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and environment.

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 **Battery warning**

- Never dismantle, crush, or pierce the battery, or allow the battery to short-circuit. Do not expose battery being placed in high temperature environment, if battery leaks or bulges, stop continue to use.
- Always charge using the charger. Risk of explosion if battery is replaced by an incorrect type.
- Keep the battery out of reach of children.
- Batteries may explode if exposed to naked fire. Never dispose of batteries in a fire.
- Disposed of used batteries observing local regulations.
- Before disposing the device, please remove the battery.



**The camera is not suitable for children under 3 years because of choking hazard.**



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