GOXTREME®
BLACK HAWK+ 4K

USER MANUAL

(Translation of the original)

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Disclaimer

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All relevant state, regional and local safety regulations must be observed when installing and using this product. For safety reasons and to ensure compliance with the documented system data, only the manufacturer may carry out repairs on components.

Failure to observe this information may result in personal injury or equipment damage.

General information

Please read this manual and its safety instructions before using this product. Follow all instructions. This will prevent hazards that could result in property damage and/or serious injury.

The product may only be used by persons who have fully read and understood the contents of this user manual.

Make sure that each person using the product has read and follows these warnings and instructions.

Keep all safety information and instructions for future reference and pass them on to subsequent users of the product.

The manufacturer is not liable for damage to property or personal injury resulting from incorrect handling or failure to observe the safety instructions.

Explanation of symbols

 WARNING

"Warning" indicates a hazard with a risk which, if not avoided, may result in injury.

NOTE!

"Note" indicates information that is considered important but is not hazard-related.

Product description

GoXtreme Black Hawk+ is a 4K camera. The camera records videos and photos with an ultra-wide angle of 170°. The 2"/5cm display allows you to operate the camera easily and intuitively. It is supplied with a housing that is waterproof up to 60m, as well as a wide range of additional brackets and accessories.

Intended use

This product is suitable for use during various sports or activities. The supplied brackets allow the camera to be mounted in multiple positions: on a bicycle, helmet or on the body.

Restrictions

⚠️ **WARNING**

The product is not suitable for children under 3 years of age. Contains small parts. Risk of suffocation.

The product is not waterproof.
It should only be immersed under water when securely enclosed in the supplied housing.

- Before using the product in water, make sure that all covers and latches on the camera and underwater housing are securely closed and sealed.
- After use in salty or chlorinated water, clean the housing under tap water and allow it to dry.
- After use under water, the housing must be left open to dry in order to prevent condensation or rust formation.

Safety Instructions

This product is only suitable for the purpose described.
The manufacturer is not liable for damage caused by improper use.

Please read these operating instructions carefully before use.

- Always protect your camera from falls, bumps and shocks.
- Keep a sufficient distance from objects that generate

strong magnetic fields or radio waves to prevent them from damaging the product or affecting the sound and picture quality.

- In the unlikely event of overheating, smoke or unpleasant odours coming from the unit, disconnect it immediately from the charging cable and remove the battery to avoid fire.
- Please do not disassemble the product.
  Doing so will void any warranty.
- Please dispose of the waste and residues at the end of the product's life in accordance with local laws and regulations.

Operating environment

- To avoid condensation inside the housing or behind the lens, the product should not be exposed to large differences in temperature and humidity.

- Store the product in a cool place (at room temperature) in a dry and dust-free environment and never expose it to high temperatures or prolonged exposure to direct sunlight.

- Protect the product from falls, bumps and knocks.

Camera description
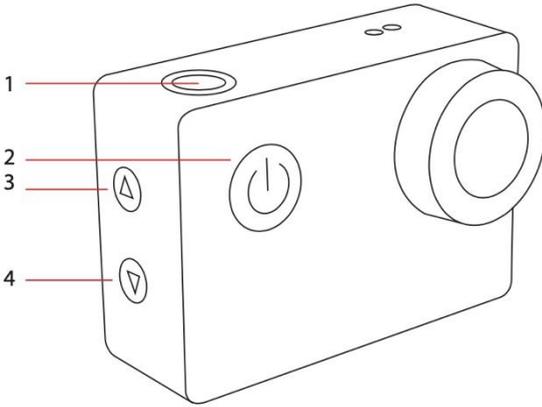
1. OK Button / WiFi
2. Power / Mode Button
3. Up Button
4. Down Button
5. Microphone
6. USB
7. MicroSD slot
8. HDMI
9. Display
10. Battery compartment
11. Tripod socket
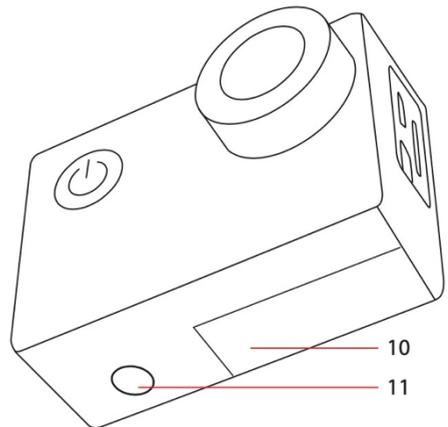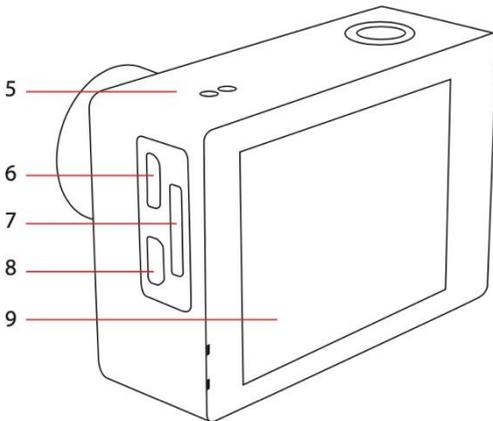
First use

NOTE!

To ensure optimum performance from your camera, please follow the steps below when using the camera for the first time:

Step 1: Insert and charge the battery

Before using the product for the first time, make sure that it is fully charged.

- Open the battery compartment cover, insert the battery and charge it for between 5 and 6 hours.
- Keep the device away from children during charging.
- Ensure that the camera is turned off during charging.
- If the camera switches on automatically when connected to a power source, please turn it off to ensure the battery can be fully charged.
- Product should only be charged via the USB port of a computer or USB power supply with a maximum output of 1050mAh.
- Disconnect the USB cable connected to the product before using it.
- The battery life is up to 90 minutes under optimal conditions and is dependent on the settings used and the outside temperature.

Step 2: Turn on/off the camera

- Press and hold the Power button for about 3 seconds to turn on the camera.
- To turn off the camera, press and hold the Power button again for about 3 seconds.

Step 3: Setting the language

By default, the camera is set to English.
To select a different language:

1. Press the Mode button several times until you reach the Settings menu.
2. Select Camera settings and confirm with the OK button.
3. Use the arrow keys to navigate to the sub-item "Language" and confirm with OK.
4. Select your language and confirm again with OK.
5. Use the Mode key to return to all settings and then to Video mode.

Step 4: Insert and format the MicroSD card

NOTE!

- **Please make sure that your memory card is formatted in the camera before using the card for the first time.**

- For best results, we recommend the use of high-quality Class 10 MicroSD cards with U3 High Speed or higher.
  Ensure a U3 speed memory card is always used when recording 4K video. Using a lower speed card may cause data transfer speed problems due to the large file size that a 4K video produces.

- The recording time depends on the selected resolution.
- A MicroSD card is not supplied with this product.

    ATTENTION!
    Formatting deletes all files on the card.

Format the MicroSD card:

1. Press the Mode button several times until you reach the Settings menu.
2. Select Camera settings and confirm with the OK button.
3. Use the arrow keys to navigate to the sub-item "Format" and confirm with OK.
4. Follow the instructions to format the card.
5. Use the Mode key to return to all settings and then to Video mode.

Step 5: Set date and time

1. Press the Mode button several times until you reach the Settings menu.
2. Select Camera settings and confirm with the OK button.
3. Use the arrow keys to navigate to the sub-item "Date/Time" and confirm with OK.
4. Set the time or date by using the up and down arrows.
5. Use the Mode key to return to all settings and then to Video mode.

Step 6: Switching between modes

The Power key is also the Mode key.
Press this key to switch between the different modes of operation:
Video > Photo > Settings

In the settings you will find the choice between video settings, photo settings, playback and general camera settings.

Step 7: Changing the video/photo settings

Video settings and photo settings you need to set separately.

1. When the camera is switched on, it is in video mode by default.
    Press the Mode button switch to Photo mode.
2. To change the settings of your photo or video recordings, press the mode button again to enter the general settings menu.
3. Then select Video or Photo Settings and scroll to the function you wish to change.

Camera settings

1. Press the Mode button several times until you reach the Settings menu.
2. Select Camera settings and confirm with the OK button.
3. Use the arrow keys to navigate to the sub-item you need and confirm with OK.

POWER FREQUENCY:
Select the power frequency that matches the electricity supply in your country.
An incorrect setting can cause your videos to flicker when recorded under artificial or fluorescent light.

SOUNDS:
Controls the volume of the key tones.

WHITE BALANCE:
White balance setting.

EXPOSURE:
Setting for exposure times

DATE STAMP:
You can remove or add the time and date stamp from your videos
and recordings here.

DATE/TIME:
Select your preferred option for displaying the date on the screen and
in recordings and photos.

SCREENSAVER:
To prolong battery life, the screen can be turned off after a preset
time. If the screen turns off during recording, it will not affect the
recording. Simply press the shutter button to turn the screen back on.

AUTO POWER OFF:
To prolong battery life, the camera can be turned off automatically
after a preset time.

BT:
Activate or deactivate Bluetooth function.

LANGUAGE:
Language selection

FORMAT CARD:

To ensure maximum compatibility between memory card and camera, the memory card should always be formatted in the camera before first use.

Touch FORMAT to perform the formatting operation.

NOTE! **Formatting will delete all files stored on the card. Ensure that all important files are backed up before formatting.**

SYSTEM:

Reset all settings, system info, card info

Video settings

- Video Resolution
- Video Mode
- Loop Recording
- Time Lapse Video
- Fast Motion Movie
- Wind Noise Reduction
- Sound Record
- Auto Low Light
- Drive Mode
- Video Scene Mode

Photo settings

- Photo Resolution
- ISO
- Timelapse Photo
- Shooting Time Night Lapse
- Sharpness
- Burst Photo
- Delay Timer
- Long Exposure
- Photo Scene Mode

Playback mode

1. Press the Mode button several times until you reach the Settings menu.
2. Select **Playback** and confirm with the OK button.

Use the UP and DOWN buttons to select between video or photo preview modes. Press the OK button to confirm your selection. Select the individual files for review by using the UP and DOWN arrows, then replay and stop videos or review photos by pressing the OK button again.

Remember you can always press the 'Mode' button to go back a step.

Note: In the unlikely event that the camera freezes during use, please remove and re-insert the battery.

Webcam function

Your action cam also features a webcam function.
To use your cam as a webcam please follow the following steps:

1. Connect the camera to your computer using the USB cable provided.
2. If prompted, select the PC-Cam or Web Cam option.
3. If you are using Windows, driver installation will be automatic and complete within 2 minutes.

NOTE! Please note that the web cam function provides video only and does not include audio.
A headset or earphones with in-line mic as provided with many smartphones is required for audio.
Please note you may need to enter the settings of any app or program you use (e.g. Skype) so you can select your action cam as the preferred web cam option.

Connection to the "iSmart DV2" app

1. Before using the WiFi feature, please go to the App Store or GooglePlay and install the iSmart DV2 app on your smartphone or tablet PC.

ANDROID

iOS

2. Press and hold the WiFi button for approx. 3 seconds to activate WiFi.

a. When the WiFi is turned on, the camera displays the SSID and password for pairing your camera and smartphone.
b. Now open the WiFi settings on your phone to select the camera WiFi ID from the available wireless networks.
c. The password for establishing the connection is 1234567890.
d. When the connection is confirmed, exit the smartphone WiFi settings screen and open the iSmart DV2 app to complete the connection.

NOTE!

- Ensure that you have downloaded the correct app.

- Please note that wireless transmission of files via the app is not possible for videos with a resolution of more than 1080p. Files with a resolution greater than 1080p can only be transferred using a computer or card reader.

- When you use the app for live view, only network information is displayed on the camera screen.

- When you have finished using the app, please deactivate the WiFi function to save the battery.

  Turn off the WiFi function:
  Press the WiFi button to turn off the WiFi.
  The camera will return to the default home screen.

- If using your camera and smartphone near a WiFi router regularly used by you, your smartphone will often connect automatically to the router network as a priorty (as your smartphone will have saved the router password) rather than to the camera.
  In this case please try to connect the camera to your smartphone while maintaining a distance further away from the router so that it does not connect to the router network.

Technical specifications

Video resolution	4K (60fps / 30fps EIS) 2.7K (60fps / 30fps) 1080p (120fps / 60fps EIS / 30fps EIS) 720p (240fps / 200fps / 120fps / 60fps / 30fps)
Photo resolution	14M (interpoliert) 12M 10M 8M 5M
Display	2.0"/5cm
Sensor	12MP
Waterproof housing	Waterproof up to 60m
Microphone/Loudspeaker	Integrated
Wide angle	170°
Smooth Video (EIS)	For resolutions: 4K 30fps, 1080p 30fps With the EIS function, the shooting angle is slightly reduced.
Time lapse video	1s / 3s / 5s / 10s / 30s / 60s
Photo functions	**Self-timer:** Off / 3s / 5s / 10s / 20s **Burst:** Off, 3 pics/s, 7 pics/s, 15 pics/s, 30 pics/s **Time lapse photo intervals:** Off / 3s / 5s / 10s / 30s / 60s

	Time lapse photo shooting time: 5Min / 10Min / 15Min / 20Min
Exposure	-2.0/-1.0/+0.0/+1.0/2.0
ISO	Auto, 100, 200, 400, 800, 1600, 3200
White Balance	Car / Daylight / Cloudy / Incandescent / Fluorescent / Underwater
WiFi function	Integrated
WiFi frequency	2.4 GHZ
WiFi SSID	GOXTREME
WiFi password	1234567890
Bluetooth	Bluetooth 4.0
File formats	H.264 MOV, JPG
TV mode	NTSC / PAL
Frequency	50HZ / 60HZ
Auto. switch off	Off / 30s / 1 Min / 2 Min
Webcam function	Yes
Interface	HDMI, USB 2.0 Micro
Video Out	HDMI: Support 1920x1080 60p Output with CEC Composite: NTSC / PAL
Battery	Exchangeable 1050mAh Li-Ion battery
Dimensions of the product	61 x 42 x 23 mm (with lens 33mm)
Weight	78g

External memory	- Support of MicroSD cards up to max. 64GB - Requirement: U3 class10 cards or higher - Card not included
Version	GOXTREME V1.0
Mass storage support	Windows XP (Service Pack 2) or higher Mac OS X 10.5.11 or higher

Box contents

- Camera
- Waterproof housing
- Second cover for the housing (not waterproof)
- Orientation adaptors
- Tripod adapter

- Monopod adapter
- Bicycle mount
- Helmet mount
- Frame Mount
- Battery
- USB cable
- Manual EN/DE

Operating instructions in other languages are available for download at **https://bit.ly/2MJBcyV** or
www.easypix.info/download-manuals/download/black-hawk-plus

NOTE!   Devices marked with this symbol must not be disposed of with household waste!

You are legally obliged to dispose of old appliances as well as batteries and accumulators separately from household waste. Information on collection points that accept used devices/batteries free of charge is available from your local authority or town council.

Disposal

Disposal of packaging:
Dispose of the packaging according to its type.
Add cardboard and paperboard to the waste paper, foils and plastic wrapping to the recyclable waste collection.

Waste electrical and electronic equipment and/or batteries disposed of by users in private households in the European Union:
This symbol on the product or on its packaging indicates that it cannot be disposed of with household waste. You must dispose of your old appliance and/or battery by handing it over to the applicable collection system for the recycling of electrical and electronic equipment and/or batteries. For more information on recycling this device and/or battery, contact your local council, the shop where you purchased the device or your household waste disposal service. Recycling materials helps to conserve natural resources and ensures that it is recycled in a way that protects human health and the environment.

⚠️ WARNING

Warning regarding the battery:

- Do not disassemble or hit the battery. Be careful not to short-circuit the battery. Do not expose the battery to high temperatures. Do not continue using the battery if it leaks or expands.
- Always recharge using the camera or manufacturer approved desktop charger if available. If the battery is replaced by an incorrect type, there is a risk of explosion.
- Keep the battery away from children.
- Batteries can explode if exposed to an open fire.
Never throw batteries into fire.
- Dispose of used batteries according to local regulations.
- Before disposing of the device, remove the battery and dispose of it separately.

Declaration of 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 declaration of conformity can be downloaded here:

www.easypix.info/download/pdf/doc_goxtreme_blackhawkplus.pdf

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