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Li-ion

Do not dispose of Lithium-ion batteries with general waste. Please return it to battery recycling collection point.

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Built-in
Wi-Fi

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escape

ACTION CAMERA

User Manual

HD5W



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Main features

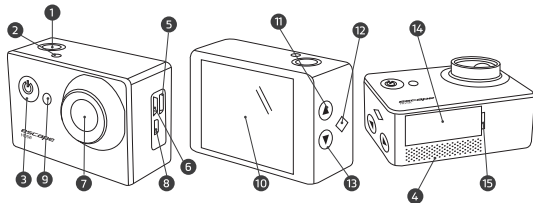
- FHD 1080p video at 30ps
- 12 Megapixel photo mode
- Waterproof up to 30 m

Box contents

- Kitvision Escape HD5W Action Camera
- 30 m waterproof case
- Bicycle mount
- Mount connector clip
- Curved adhesive mount
- Flat adhesive mount
- 2 x 3M adhesive pads
- Action camera to ¼" tripod screw adaptor
- Action camera to ¼" tripod thread adaptor
- Mount connector
- 90 degree adaptor
- Vented helmet mount straps
- User manual
- USB cable

Functions

- | | |
|----------------------------|-------------------------|
| 1. Shutter/Ok Button | 9. Charging Indicator |
| 2. Top Operation Indicator | 10. Built-in LCD |
| 3. Power/Mode Button | 11. Up Button |
| 4. Built-in Microphone | 12. Built-in Speaker |
| 5. Micro SD Card Slot | 13. Down/Wi-Fi Button |
| 6. Micro USB Input | 14. Battery Cover |
| 7. Lens | 15. Battery Cover Latch |
| 8. Micro HDMI Output | |



Instructions for use

Turning power on and off

1. Long press the Power/Mode Button (3) to turn on the camera.
The Top Operation Indicator (2) will illuminate red.
2. Long press the Power/Mode Button (3) to turn power off.

Charging the battery

The camera has a built-in rechargeable lithium battery.
Please fully charge the battery before use.

1. Turn off the camera.
2. Connect the micro USB connector of the USB cable to the camera and the other end to a PC/mains charger USB port.
3. The Charging Indicator (9) will be solid blue whilst charging.
4. Once fully charged the Charging Indicator (9) will turn off.

Note: The camera body may be warm after extended use.
This is normal.

Inserting the memory card

The Escape Action Camera doesn't have any internal memory.
To be able to record video or capture photos using the camera, you must have your micro SD card inserted (32 GB max, not included).

1. Ensure the camera is turned off.
2. Insert your memory card into the micro SD card slot (5).
3. The camera uses the FAT32 file format. If the micro SD card is incompatible, it will need formatting.
4. To format the card correctly, go to the 'Changing the Camera Settings' section later in this manual and follow the 'General Settings' instructions.

Changing the mode of the camera

The camera has 6 different modes: Video mode, Photo mode, Burst Mode, Timed Photo Mode, Time Lapse Mode, Video Playback, Photo Viewer and Settings Mode.

1. Press the Power/Mode Button (3) to enter the Mode selection display, use the Up Button (11) and Down Button (13) to select your chosen mode and press the Shutter/Ok Button (1) to enter the selected mode.

	Video mode	For recording video clips
	Photo mode	For taking still photos
	Burst mode	Takes a series of 3 / 5 / 10 photos
	Time Lapse mode	Takes a photo at set intervals until deactivated
	Video Playback	Viewing recorded photos
	Photo Viewer	Viewing captured photos
	Settings mode	For changing camera settings

Using Video mode

1. Turn on the camera and it will start in Video mode automatically. If in another mode, press the Power/Mode Button (3) until you reach Video mode.
2. Use the LCD Display (10) to view your shot, then press the Shutter/Ok Button (1) to start recording.
3. When recording the Top Operation Indicator (2) will flash, the LCD (10) will show a red video icon and will display how long it has been recording for.
4. Press the Shutter/Ok Button (1) again to stop recording.

Note: The camera will stop recording and save automatically when the memory capacity is full or it has run out of battery power.

Recording audio within a video

If using the camera with the waterproof case, audio will be recorded although it will be less audible. For best audio quality, the camera will need to be used without the case. When using the camera without a case, please take extra care and make sure it does not get wet.

Using Photo mode

1. Turn on the camera and press the Power/Mode Button (3) once to select Photo mode.
2. Use the LCD Display (10) to view your shot, and then press the Shutter/Ok Button (1) to take a still image.
3. After the image has been taken, the camera will make a 'shutter' sound effect and the LCD Display (10) will blink once.

Using Burst mode

1. Turn on the camera and press the Power/Mode Button (3) three times to select Burst mode.
2. Use the LCD Display (10) to view your shot, and then press the Shutter/Ok Button (1) to take a series of still images. The camera will make a series of 'shutter' sound effects depending on the quantity of photos selected, and the LCD Display (10) will turn black during this sequence.

Using Timed mode

1. Turn on the camera and press the Power/Mode Button (3) three times to select Timer mode.
2. Use the LCD Screen (10) to view your shot, and then press the Shutter/Ok Button (1) to activate the timer. The LCD Display (10) will blink and the countdown will start. At the end of the countdown the LCD Display (10) will flash and the camera will sound a 'Beep/Shutter' sound effect.

Using Time Lapse mode

1. Turn on the camera and press the Power/Mode Button (3) to enter the Settings mode.
2. Scroll down the Settings menu and select 'Time Lapse', and use this option to select the time period between each photo.
3. Return to the Setting menu and choose 'Continuous Lapse' and select 'ON'.
4. Exit the Settings menu by scrolling up or down until the cross in the top right corner is highlighted and press the Shutter/Ok Button (1) to exit.

5. Press the Power/Mode Button (3) three times to select Timer Mode.
6. Use the LCD Screen (10) to view your shot, and then press the Shutter/Ok Button (1) to activate the Time Lapse photo sequence. At every set interval the LCD Screen (10) will flash and the camera will sound a 'Beep/Shutter' sound effect.
7. The camera will continue to take a photo at every interval until deactivated by pressing the Shutter/Ok Button (1) again.

Using Playback mode

1. Turn on the camera and press the Up Button (11) and choose video playback or photo viewer.
2. To navigate through your files use the Up Button (11) and Down Button (13).

Viewing video files

1. Once a video file is selected press the Shutter/Ok Button (1) to play.
2. Whilst playing the video file you can rewind by pressing the Down Button (13) or fast forward by pressing the Up Button (11).
3. Whilst playing the video you can pause by pressing the Shutter/Ok Button (1).
4. Press the Power/Mode Button (3) to return to the selection screen.

Removing the battery

1. Lift the battery cover (14) by lifting the battery cover latch (15).
2. Pull the battery tab to remove the rechargeable battery.

Changing the camera settings

General settings

1. To enter the general settings menu, turn on the camera and press the Power/Mode Button (3) to enter the Mode menu and select Settings mode.
2. Use the Up Button (10) and Down Button (13) to navigate through the menu.
3. Use the Shutter/Ok Button (1) to enter a heading.

In the general settings menu, you will find the following options:

MENU	FUNCTION
Video resolution	Change the video resolution for the video recording. Select a smaller movie size for reduced file size or a higher movie size for better quality [1080P (30fps)] / [720P (60fps)]
Looping video	Choose to record video on a 10 minute loop [Off] / [On]

Time Stamp	This function can be used to add a date and time to your videos as you take them [Off] / [Date] / [Date & Time]
Exposure	Change the exposure of the Video mode [-2.0] / [-1.7] / [-1.3] / [-1] / [-0.7] / [-0.3] / [0] / [+0.3] / [+0.7] / [+1] / [+1.3] / [+1.7] / [+2.0]
Resolution	Change the photo resolution depending on desired quality. [12MP] / [8MP] / [5MP] / [2MP]
Burst Photo	Change the amount of photos taken in Burst Mode. [On, 3 Photo burst]
Time Lapse	Choose a timer for Timer mode or a time interval for Time Lapse mode when Continuous mode is activated [2s] / [3s] / [5s] / [10s]
Continuous Lapse	Turn this mode on to enable Time Lapse mode, change the timing of the intervals by changing the Time Lapse menu [Off] / [On]
Power Frequency	Change the Frequency of your camera [50Hz] / [60Hz] / [Auto]

Language	Change the language of your camera [English] / [German] / [French] / [Spanish] / [Italian] / [Portuguese] / [Chinese traditional] / [Japanese] / [Russian] / [Hungarian] / [Polish] / [Turkish] / [Czech] / [Korean]
Date and Time	When Date Stamp is activated you should ensure the date and time are correct. Use the Up and Down buttons to select a value and press the Shutter/Ok button to proceed
Sound Indicator	Change the sound settings: Shutter [On / Off], Start-up [On / Off], Beep [On / Off], Volume [0, 1, 2, 3]
Upside Down	Activate 180o rotate; when inverted the camera will automatically rotate the photo or video recording [On] / [Off]
Screen Saver	Activate the screen saver to save power [Off] / [1 min] / [3 min] / [5 min]
Power Saver	Change the time in which the camera will enter sleep mode [Off] / [1 min] / [3 min] / [5 min]

Format	Select this option to format your storage device, this will erase all content stored on your Micro SD card and create a FAT32 filing system [No] / [Yes]
Reset	Reset the settings to the default / factory standard [No] / [Yes]
Version	Select this option to view your model number and firmware version

Using Wi-Fi

With the Escape HD5W's built-in Wi-Fi, you can use your smart device as a camera remote, viewfinder, and download files to your phone.

Downloading the Wi-Fi App

- The Wi-Fi app is available to download for free at the Apple App Store™ and Google Play Store™
- Android users: Enter the Google Play store™, search for "iSmart DV", download and install, following this user manual to connect the Wi-Fi and operate
- iPhone users: Enter the Apple App store™, search for "iSmart DV", download and install, following this user manual to connect the Wi-Fi and operate



iSmart DV

Pairing the camera to your device

1. Turn on the camera and press the Down/Wi-Fi Button (13)
2. The LCD (10) will show the message 'Waiting for Wi-Fi connection...'
3. Search for a Wi-Fi hotspot on your smart phone/tablet, select the "Escape HD5W" network and you will be prompted for a password; enter "1234567890" to proceed.
4. Once connected the camera's LCD (10) will enter sleep mode. If a camera button is pressed whilst the camera is in Wi-Fi mode, the camera will disconnect from your device.
5. Open the 'iSmart DV' application and wait for the live feed to be shown as per Figure 1.

Using Wi-Fi for Video mode (Figure 1/2)

1. Upon opening the application, Video mode should be automatically selected in the capture mode slider 📷📹
 2. Use the live feed to view your shot.
 3. Press the record button to start and stop recording 📹
 4. Video time remaining (based on remaining storage) is shown in the top left corner.
- To change the resolution press [FHD] and you will receive a pop-up menu to change the resolution (Figure 2). White balance and frequency settings can be changed by pressing Camera settings ⚙️ in Figure 1 and selecting the relevant headings in Figure 5

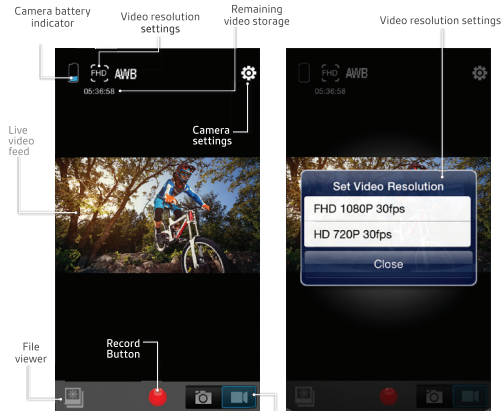


Figure 1:
App home screen
+ video mode

Capture mode
(automatically
set to video)

Figure 2:
Video resolution
settings

Using Wi-Fi for Photo mode (Figure 3/4/5)

1. Select Photo mode in the capture mode slider ■■■ [📷]
 2. Use the live feed to view your shot.
 3. Press the capture button (📷) to take a photo.
 4. Remaining photo space (dependant on storage) is shown in the top left corner.
- To change the photo resolution press [12M] in Figure 3 and you will receive a pop-up menu to change the resolution (Figure 4). White balance, frequency settings and burst mode can be changed by pressing Camera settings ⚙ in Figure 3 and selecting the relevant headings in Figure 5

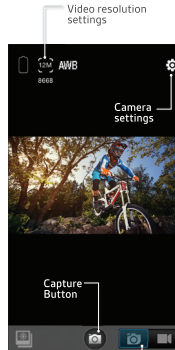


Figure 3:
Photo mode



Figure 4:
Photo resolution
settings

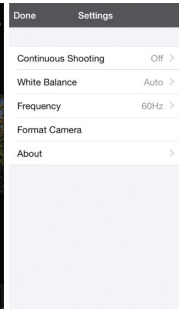


Figure 5:
Camera settings

Using Wi-Fi for file playback

1. Press the file viewer icon  in either Video or Photo mode to enter the file album.
 2. To view a photo simply select a photo file and it will be expanded to fill the screen.
- To view a video file you will first have to download the file to your device as the application doesn't support video streaming, follow the download steps on the next page

Using Wi-Fi for file playback

1. To download a selection of files press the file selection icon 
 2. Tap on each file you wish to download, a blue tick will appear on selected files (Figure 7).
 3. Once you have chosen your files, press the download icon  to download the files to your device storage. A pop-up will appear to advise you of the download progress (Figure 8).
- To download all press the download icon  and press 'Download all'

Using Wi-Fi to delete files (Figure 6/7/8)

1. Press the file selection icon  to select items you wish to delete.
2. Tap on each file you wish to delete, a blue tick will appear on selected files (Figure 7).
3. Once you have chosen your files, press the trash icon  to delete the files from your camera's micro SD card storage (Figure 7).

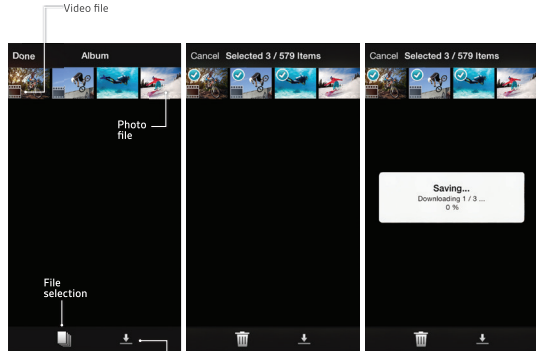


Figure 6:
File viewer / album

Figure 7

Figure 8

Download
(press to
download all)

Connecting the camera to an HDTV

1. Connect the micro HDMI end of a micro HDMI to HDMI cable (not included) to the camera's micro HDMI Port (8), and the other end to the HDTV's HDMI port.
2. Turn on the HDTV and select the appropriate HDMI source.
3. Follow the instructions for 'Playback of files' mentioned earlier in this manual.
4. When viewing is finished, turn off the camera and HDTV before removing the HDMI cable.

Connecting the camera to a PC

There are two ways to download files from the camera's micro SD to a computer:

- By inserting the micro SD into a card reader
- By connecting the camera to a computer using the supplied micro USB cable

Connecting the camera to a PC with the USB cable

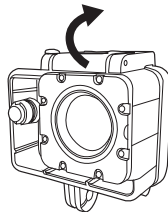
1. Connect one end of the supplied USB cable to the camera's micro USB Port (6), and the other end to the PC's USB port and turn the camera on.
2. Turn on the camera, a 'Connecting' prompt will appear on the LCD Screen (10), select 'MSDC'.
3. Open [My Computer] or [Windows Explorer®] on your PC. 'Removable Disk' will be in the drive list. Double-click the 'Removable Disk' icon to view its contents. Files stored on the camera are located in the folder named 'PHOTO' and 'VIDEO'.
4. Copy or delete the files that you want to your PC.

Waterproof case

The Escape HD5W Action Camera includes a case that is waterproof up to 30 metres. When using the camera in a wet environment, always use the waterproof case. It is recommended that the case be used at all times for protection.

Using the waterproof case

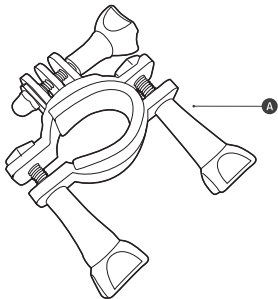
1. Open the waterproof case by releasing the clip on the top of the case. To do so, pull the front of the clip backwards and remove the camera.
2. Insert the camera correctly so that the case closes easily and provides a tight seal.
3. Snap the top clip shut to ensure the case is waterproof.
4. To operate the camera, use the waterproof case's external spring buttons.



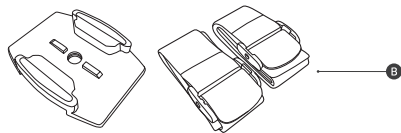
Mount accessories

In order to use the camera for various outdoor activities, we have provided three different mounts.

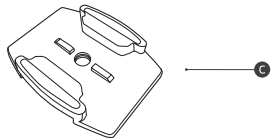
- Mount (A) is used to fix the camera to the handlebars onto a bicycle:



- Mount Assembly (B) uses an adhesive mount to hold the camera and the provided straps to fix it to a vented helmet:

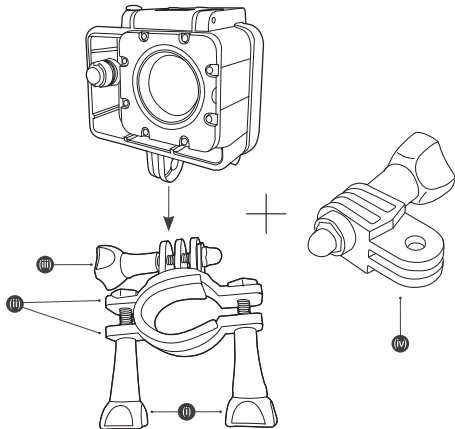


- Adhesive Mounts (C) are used to mount the camera to flat/curved, smooth surfaces:



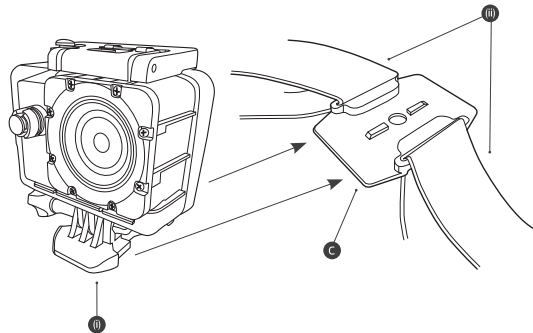
Fixing the camera to a bike

1. Unscrew both screws (i) and place both halves (ii) of the Bicycle Mount (A) around the desired position of the pole with the rubber grip in between the pole.
2. Replace the screws (i) and tighten them until the mount is firmly in place.
3. Remove the screw from the top of the Mount (iii) and slot the camera (inside waterproof case) into position, replace screw and tighten to lock in position.
4. If you wish to use a forward facing bar you may wish to use the 90o adaptor (iv) in between the camera and the bicycle mount to make the camera forward-facing.



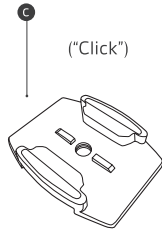
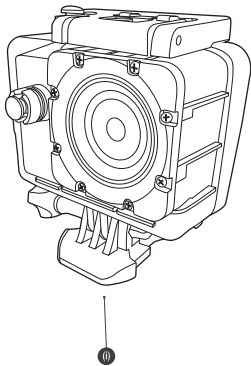
Fixing the camera to a vented helmet

1. Fix the camera to the mount clip (i).
2. Thread the supplied straps through the slots in a flat or curved Adhesive Mount (don't remove the adhesive film) (ii).
3. Attach the camera assembly to the strap mount assembly by sliding it in until it clicks into position.
4. After fixing the camera to the mount correctly, use the strap to fix it to the helmet. Adjust the length according to the helmet's size, and then push the clips down into position to lock the straps in place.



Fixing the camera to a board/flat surface

1. Ensure the surface is clean and dry before applying the adhesive mount.
2. Peel off adhesive paper and stick the mount in the desired position.
3. Fix the camera to the Mount Clip (i).
4. Attach the camera assembly to the Adhesive Mount (C) by sliding it in until it "Click" into position.



Specification

Display	2"
Lens	170o ultra wide-angle lens
Language Options	[English] / [German] / [French] / [Spanish] / [Italian] / [Portuguese] / [Chinese traditional] / [Japanese] / [Russian] / [Hungarian] / [Polish] / [Turkish] / [Czech] / [Korean]
Video Resolution	1080p / 30fps
720p / 60fps	MOV
Video Format	MOV
Photo Resolution	[12MP] / [8MP] / [5MP] / [2MP]
Storage	Micro SD (up to 32gb)

Photo Modes	Single shot / Timed / Burst / Time lapse
Frequency	50 Hz / 60 Hz
USB Interface	USB 2.0
Battery Capacity	700 mAh
Power Consumption	260 mA @ 4.2 V
Recording Time per charge	About 90 minutes (based on highest settings)
Operating System	Windows XP® / Vista or Above / Windows 7® / Mac OS™
Waterproof	30 m
Dimensions (mm)	H59.27 x W41.13 x D29.28
Weight	58 g

Care for your Escape HD5W Action camera

Please DON'T:

- Get the camera wet, unless sealed in the included waterproof case
- Drop the camera as this will invalidate your warranty.
- Open up the camera. There are no user serviceable parts inside
- Expose the camera to extreme temperatures or rapid changes of hot to cold or vice versa

Please DO:

- Clean the camera with a soft dry cloth and no detergents

Troubleshooting

We hope you've now got all the information you need to get started, but if you're having problems with anything, please feel free to contact us at: **support@kitvision.co.uk** or visit **www.kitvision.co.uk**

We apologise for any inconvenience caused by minor inconsistencies in these instructions, which may occur as a result of product improvement and development.