



# Action Camera

Model Number: AAVCW-0419

INSTRUCTION MANUAL

**AFTER SALES SUPPORT**

  1300 886 649

 [www.tempo.org](http://www.tempo.org)

Model: AAVCW-0419 Product Code: 64588 04/2019





# Welcome

Congratulations on choosing to buy an BAUHN® product.

All products brought to you by BAUHN® are manufactured to the highest standards of performance and safety and, as part of our philosophy of customer service and satisfaction, are backed by our comprehensive 1 Year Warranty.

We hope you will enjoy using your purchase for many years to come.

Version number  
Date

1.0  
Apr 2019

# Contents

Welcome	3
General Information & Safety Instructions	5
Product Overview	6
Accessories	7
Getting Started	9
Instructions	12
Settings	20
Specifications	24
Other Useful Information	25
Warranty Details	26
Repair and Refurbished Goods or Parts Notice	27

# General Information & Safety Instructions

Read this manual thoroughly before first use and keep it in a safe place for future reference. The safety precautions enclosed herein reduce the risk of fire, electric shock and injury when correctly adhered to. Follow all instructions and take notice of all warnings to reduce the risk of fire or electric shock.

**This product complies with Australian Safety standard AS/NZS 60950 to ensure the safety of the product.**

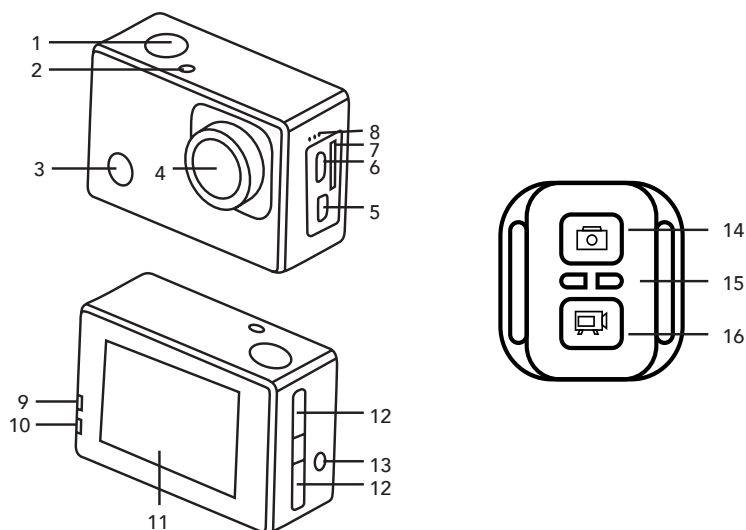


The RCM is a visible indication of a product's compliance with all applicable ACMA regulatory arrangements, including all technical and record-keeping requirements.

## Usage Conditions and Restrictions

- **Shooting brightness:** This camera is designed for use under suitable light conditions. Do not aim it directly at the sun and other strong light sources in order to avoid damaging the optical sources. Do not store the camera in strong direct sunlight.
- **At the beach:** Water, sand, dust or particles containing salt may damage the camera. Therefore, take care when using the camera at the beach or near water, to avoid water or sand entering the camera. In areas where water could enter the camera, always use the waterproof housing. If sand has settled on the camera or lens, gently blow it off.
- **Storage conditions:** Store the camera in a cool and dry place with good ventilation. Avoid storage in areas that are excessively hot or humid.
- **Dust:** Do not use the product in environments with high dust density to avoid dust settling on the camera lens or other components.
- **Cleaning:** In case dirt, dust or sand has accumulated on the camera, blow off any loose particles and then clean the camera with a soft, clean and dry cloth, suitable for cleaning optical instruments. If needed, use a specific lens cleanser. Do not clean the camera with an organic solution. Never touch the lens surface with your finger.
- **Usage restrictions:** This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
- **Children:** Supervise children to ensure they do not play with the product.
- **Damage:** This camera contains no parts you can repair yourself. Do not attempt to disassemble, repair or modify it. In case of damage, contact our After Sales Support line for advice on repair or replacement, or refer servicing to qualified personnel only.
- **Liability:** We assume no liability for any eventual damages or injury caused by misuse of the product or noncompliance with these instructions.

# Product Overview



- 1 OK/Shutter button:** Take a photo/start video recording/stop video recording/confirm a selection.
- 2 Wi-Fi indicator:** Flashes in yellow when the Wi-Fi mode is turned on, and will light solid after connected to wifi external Wi-Fi device such as a smart phone.
- 3 Power/Mode button:** Turn the camera on/off; switch modes and menus.
- 4 Lens:** Wide angle lens.
- 5 Micro HDMI port:** Connect to external screens.
- 6 Micro USB port:** Charge the camera, or transfer data from/to computers.
- 7 Micro SD card slot:** Insert a Micro SD card for photo/video storage.
- 8 Microphone:** For audio recording during video recording.
- 9 Charging indicator:** Lights up in red when the camera is charging.
- 10 Working indicator:** Lights up in blue when the camera is turned on, and will flash when recording a video.
- 11 LCD Screen:** For viewing playback and seeing what is captured through the lens.
- 12 Up/Down buttons:** Move up/down in a menu. The up button can also be used as a shortcut for entering Wi-Fi mode.
- 13 Speaker:** For audio during video playback, and for alert sounds.
- 14 Capture button:** Press to take a photo.
- 15 LED indicator:** Indicates that a button has been pressed.
- 16 Video button:** Press to start recording a video/stop recording. Press and hold the button to turn the LCD screen on/off.

# Accessories



1



2



3



4



5



6



7



8



9



10



11



12



13



14



15



16

**1 Waterproof Case**

**2 Bicycle Mount**

**3 Pedestal**

**4 Carrying Case**

**5 Back Clip**

**6 Switch Support**

**7 Commutator**

**8 Helmet Mount**

**9 Velcro Straps (x2)**

**10 Locking Strap (x2)**

**11 Cable Ties (x3)**

**12 3M Adhesive Pads (x2)**

**13 Wire Cable**

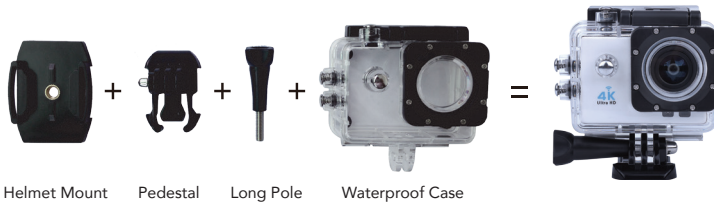
**14 Battery (x2)**

**15 USB Cable**

**16 Cleaning Cloth**

# Accessories (Cont.)

## Assembly Instructions and Suggestions



Helmet Mount

Pedestal

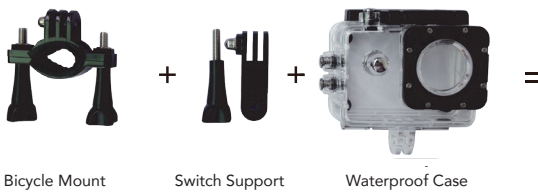
Long Pole

Waterproof Case



Camera

Waterproof Case



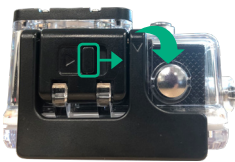
Bicycle Mount

Switch Support

Waterproof Case



## Waterproof Case Removal



1. Slide the latch to the right and pull back on the top clasp.



2. Push down on the clasp to release it from the case.



3. Lift the clasp up to open the case and access the camera.



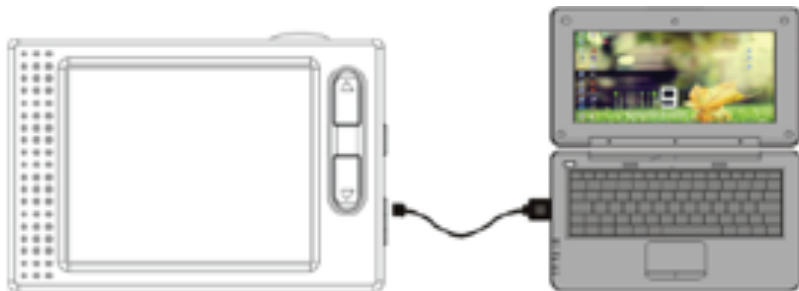
# Getting Started

## Before First Use

- Unpack the product but keep all packaging materials until you have made sure your new Action Camera is undamaged and in good working order. Plastic wrapping can be a suffocation hazard for babies and young children, so ensure all packaging materials are kept out of their reach.
- Inspect the supplied USB cable and ensure it is undamaged. Do not use it for charging the product if the cable is damaged.
- Read this manual to familiarise yourself with the product, including its buttons, functions and accessories. Pay particular attention to the safety instructions on the previous pages.

## Charging the Lithium Battery

The battery has been partially charged at the factory. To perform all functions, we recommend you fully recharge the battery before using the camera for the first time.



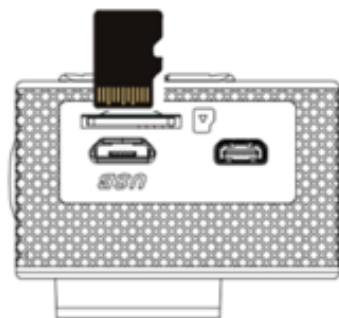
- Ensuring that the camera is switched off, connect the camera to a computer or use a standard 5V 0.5A wall adaptor using the supplied USB charging cable.
- The indicator will illuminate during charging. It will turn off once the battery is fully charged.
- A full charge generally takes about 4 hours.

# Getting Started (Cont.)

## Installing a Memory Card

The camera does not come equipped with any built-in memory storage. An external Micro SD card is required to capture and save any images or recordings. Ensure that the Micro SD card you have inserted has a maximum capacity of 64GB.

- Make sure the camera is switched off before inserting the memory card.
- Insert a Micro SD card into the SD card slot (as illustrated) on the left side of the camera next to the Micro USB port. You will hear a click sound when the card is locked in. Make sure the card is fully inserted.
- To remove the Micro SD card, gently press the end of the memory card inward and the card will eject.



## Memory Card Precautions

A Micro SD card is a precision electronic component. Always handle it with care. Protect the card from static electricity and strong shocks.

If you are installing a previously used memory card into the camera, make sure to back up any data stored on the card, to avoid possible data loss.

To avoid any loss of data or damage to the Micro SD card, adhere to the following:

- Do not bend, drop or subject the card to shock.
- Do not expose the card to high temperatures, humidity or direct sunlight.
- Do not expose the card to static or electromagnetic fields.
- Do not remove the memory card while it is in use.
- Do not touch the metal surface of the card with your fingers or objects.
- Do not use the memory card beyond its lifespan.

**We strongly recommend you back up all data on the Micro SD card to another storage device so you do not risk losing any data in case of an unexpected device failure or accident.** We do not assume liability for any loss of data due to misuse or malfunction. Data backup is your personal responsibility.

# Getting Started (Cont.)

## Waterproof Housing

The camera comes supplied with a transparent waterproof housing, which allows you to take video footage or photos in wet conditions or under water at a depth of up to 30 meters.

To use the camera with the waterproof housing, observe the following:

- Select the desired menu options.
- Place the camera in the waterproof housing and close it carefully using the locking clip located at the top of the case. Make sure the latch lock key is securely in place.
- Once the camera is securely installed, you can use the ON/OFF and Shutter buttons by pushing the push buttons located on top of the waterproof housing.




**WARNING:** Once the camera is secured in the case, make sure that all seals are in place to prevent water intrusion.

### Before using the camera in wet conditions

- Before sealing the case, ensure the rubber seal of the camera housing is clean — even a single hair or grain of sand can cause a leak. You can test watertightness by closing the case without inserting the camera.
- Submerge the empty case completely in water for about a minute. Remove the case from the water, dry off its exterior with a towel, then open the case. If the entire interior is dry, the case is safe for use underwater.
- After using the camera in saltwater, rinse the outside of the housing with non-saltwater and dry. If not properly cleaned, corrosion can occur on the hinge and the pin, which can cause failure.
- **WARNING:** Do not use aggressive substances such as acetone to clean the case, as these can cause permanent damage.
- To clean the seal, rinse in fresh water and shake dry (drying with a cloth may cause lint to compromise the seal). Re-install the seal into the grooves in the back door of the housing.

# Instructions

## Powering On/Off

- **Power-on:** Press and hold the  ON/OFF button for about 3 seconds; the screen will start up and the camera will enter standby mode.
- **Power-off:** While the camera is in an idle state, press and hold the  ON/OFF button for 3 seconds to turn the camera off.
- **Automatic power-off:** When the camera has been idle for a certain amount of time, it will switch off automatically to save power. The idle time can be set to your preference.
- **Power-off due to low battery:** If the camera's battery power has dropped to extremely low levels, the  icon will appear on the LCD screen and you will have to recharge the battery. When the icon turns red and flashes, the camera will automatically power off.

## Selecting a Mode


The camera is equipped with four modes: Recording, Photo, Movement and Playback. After turning on the camera, use the Mode button to select the appropriate mode for your intended use.

- **Recording mode:** Record videos.
- **Photo mode:** Take photos.
- **Movement mode:** Record videos of fast or high amounts of movement.
- **Playback mode:** View and play all recorded video and photos stored on the SD Card.

**TIP:** If you have changed some settings and find that the camera is not working as it should, you can reset the camera to its original factory settings.

# Instructions (Cont.)

## Video Recording

- Press the  ON/OFF button to turn on the camera; it will enter Recording mode.
- Press the OK button to start recording a video.
- While recording, press the OK button to stop recording. (Video recording will stop automatically if there is no space left on the memory card, or if the battery is flat.)
- In Recording mode, the LCD screen will display the following icons:



1. **Mode:** Indicates that the current mode is Recording.
2. **Video Quality:** Indicates the quality and frame rate of the recording.
3. **Storage available:** Shows remaining space on the SD Card.
4. **Micro SD card:** Indicates that an SD card is inserted.
5. **Wi-Fi:** Indicates if Wi-Fi is on or off.
6. **Battery:** Indicates battery level.
7. **Date and time:** Shows the date and time on the device's display.

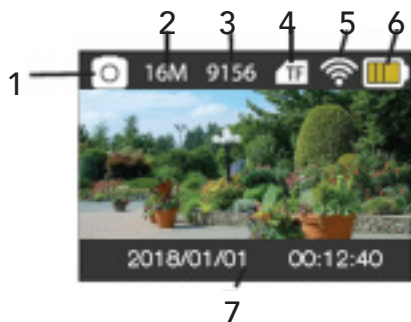
**NOTE:** When recording videos, you must use the TF high-speed card at class 4 or above. We recommend that you always use a class 10 TF card.

The default video resolution is 4K (3820 x 2160). The file size for 4K is optimized to save memory space and its video quality is superior to other resolutions (such as 2.7K, 1080P or 720P), so we recommend using 4K resolution when recording videos.

# Instructions (Cont.)

## Photo Mode

- Press the MODE button repeatedly to enter Photo mode.
- Press the OK button to take a still picture.
- In Photo mode, the LCD screen will display the following icons:



1. **Mode:** Indicates that the current mode is in Photo mode.
2. **Image resolution:** Indicates the current image resolution.
3. **Image counter:** Indicates the number of pictures available to be taken.
4. **Micro SD card:** Indicates that an SD card is inserted.
5. **Wi-Fi:** Indicates if Wi-Fi is on or off.
6. **Battery:** Indicates battery level.
7. **Date and time:** Shows the date and time on the device's display.

For more photo settings please refer to the settings section.

# Instructions (Cont.)

## Movement Mode

Movement mode allows you to record videos in a higher frame rate (120 frame per second) which later can be used as slow motion clips in editing.

Press the Mode button to enter Movement mode.



1. **Mode:** Indicates that the current mode is Motion Mode recording.
2. **Video Quality:** Indicates that the quality and framerate of video being recorded.
3. **Storage available:** Shows remaining space on the SD Card.
4. **MicroSD card:** Indicates the card is inserted.
5. **Wi-Fi:** Indicates if Wi-Fi is on or off.
6. **Battery:** Indicates battery level.
7. **Date and time:** Shows the date and time on the device's display.

# Instructions (Cont.)

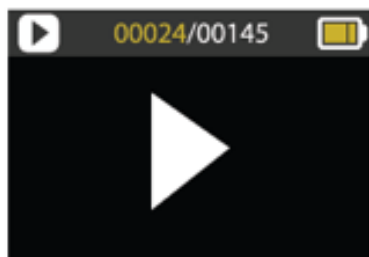
## Playback Mode

Enter playback mode to browse your photos and videos, and to play videos recorded by the camera.

Turn on the camera and press the mode key to enter playback mode.

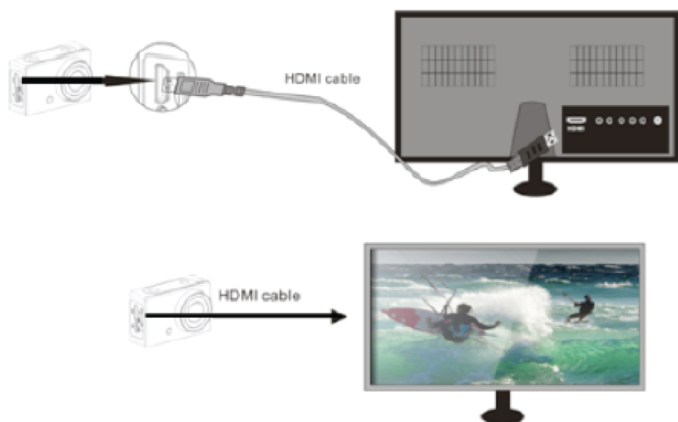
You can press the up/down key to choose the photo or video you want to play, then press the OK button to enter preview.

Play movie: press the OK button to start/pause play video; press and hold the up/down button to fast forward/reverse playback; press the power button to stop playing the video.



## Connecting to an External Display


To connect your Action Camera to an external display via the Micro HDMI port, you need to select your desired playback mode first, and then connect the HDMI cable (not supplied) to the Action Camera and your chosen external display.

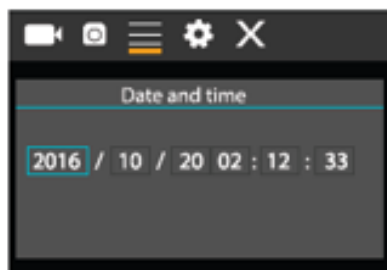
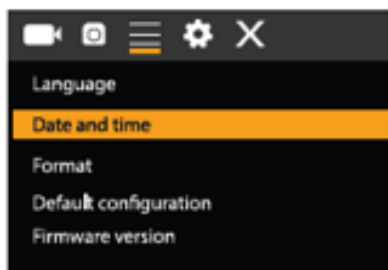




# Instructions (Cont.)

## Setting the Date and Time

- Press the Power/Mode button to switch between different modes. You will reach the Settings menus after Playback mode.
- Once you arrive at the setting menus, press OK button to enter. Press the Menu button to open a menu, and then press the  ON/OFF button to switch over to the setup menu.



- Select Date and Time, and then press the OK button to enter the setup window.
- In the setup window, press the OK button to select the item to be adjusted (e.g. date, time). The selected item will be highlighted. Then use the Up/Down buttons for adjustment.
- Press the OK button to confirm your entry, or press the Power/Mode button to cancel the setup and return.

## Connecting with a PC

The camera features a Plug and Play function, which means you can use it as a memory reader without the need to install software.

- First connect the camera to a computer with the USB cable, then select the appropriate portable hard disk mode in the 'My Computer' window. The portable hard disk icon will be displayed.

When the camera is connected to a PC, there are three options:

- USB Mode: use the camera as a USB disk and transfer the files on the TF card.
- PC Camera: use the camera as a webcam for the PC.
- Charging Mode: only use the PC to charge the camera.

# Instructions (Cont.)

## Using the Remote Control

This Action Camera comes with a remote control. You can use this remote control to capture images and take videos via the dedicated buttons on the remote. To do this, ensure that the camera is in the desired mode. You can also use the remote control to turn the camera On/Off.

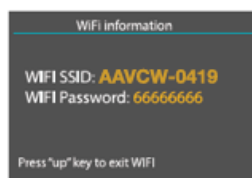
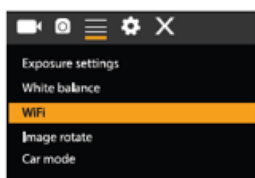
## App (for Android and iOS)

To use Wi-Fi, you need to have the necessary app installed in your smartphone.

1. Search for "XDV" in Google Play (for Android OS) to find the app and install it according to the instructions.
2. Search for "XDV" in App Store (for iOS) to find the app and install it according to the instructions.

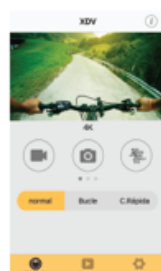
## Installing the App

1. Install the "XDV" app (provided by dealer or via internet) on your smartphone or tablet.
2. Insert the TF card and turn on the DV. Enter in menu and turn on Wi-Fi.




3. Enable Wi-Fi on your smartphone or tablet and search for the wireless AP signal 'AAVCW-0419', then connect it to the camera. The system will display "Connected successfully" to confirm.

**NOTE:** When connecting to camera for the first time, you will need to enter the password "66666666".



# Instructions (Cont.)

- Click the  icon in the App list of the smartphone or tablet to open it. Now you can preview the image sent by the DV on your phone or tablet and start some operating.

This app shows 3 options in the main display: Video, Photo and Movement. On the bottom are 3 other options: Main Display, Gallery and Options.

In 'options mode' you will be able to configure the camera presets before recording.



Note:

- For an IOS device, only playback of video with resolution of 2.7K and below is supported. Playback of 4K video in the app is not supported.
- For an Android device, please download the video to the device before preview. Select 'Media --> Device' then press the down arrow on the top-right corner and select 'Download'.

DISCLAIMER: The XDV app has not been developed by Tempo Australia. We are not responsible for the operation of the app, its updates, nor its compatibility with devices.

## Setting Menu

Press the Power/Mode button to toggle through the modes until you reach the Settings menus.

When you arrive at the setting menus, press the OK button to enter.

You will see Video settings, Photo settings, General settings, System settings and Exit.

Use the Up/Down button to scroll up/down; use the OK button to enter or confirm a selection, and use the Power/Mode button to switch between each of these settings menus.

# Settings

## Video Settings

Main Menu	Submenu	Description
Video Resolution	4K 30FPS, 2.7K 30FPS 1080P/60FPS, 1080P/30FPS, 720P/120FPS, 720P/60FPS, 720P/30FPS	Select the recording video resolution and frame rate for video mode.
Record Sound	Checkbox	To enable or disable sound recording during video capturing mode
Time Lapse	Close, 0.5s, 1s, 2s, 5s, 10s, 30s, 60s	Record one frame in the selected times, for example, set to 5s, it will record one frame every 5 seconds, and the video will playback in normal speed(for example 30 frames per second); this will make a fast playback effect.
Loop Recording	Close, 2 minutes, 3 minutes, 5 minutes	Enable loop recording function and setup the length for each video. If this function is enabled (rather than selecting the Close option), the camera will take videos in loop, when the TF card is full, the oldest video will be replaced, and the camera will continue recording.
Slow Motion	1080P 60FPS, 720P 120FPS	Set up the resolution and frame rate for motion mode

# Settings (Cont.)

## Photo Settings

Main Menu	Submenu	Description
Photo Resolution	2M, 5M, 8M, 12M, 16M	Select the image resolution for Photo mode (M=Megapixels).
Timer	Close, 3S, 5S, 10S, 20S	This enables a delay on the shutter after the shutter button (OK button) is pressed, so that the camera will take photos after the selected delay duration has passed. Default is Close.
Auto	Close, 3S, 10S, 15S, 20S, 30S	Similar to the Timer function, the camera will take a photo after the selected duration, but it will also automatically restart the timer after a photo is taken, and continue taking photos until the shutter button (OK button) is pressed again.
Drama Shot	Close, 3 P/S, 5 P/S, 10 P/S	Choose the selected quantity of photos taken per second with one press of the Shutter button.

# Settings (Cont.)

## General Settings

Main Menu	Submenu	Description
Exposure	-3, -2, -1, 0, 1, 2, 3	Exposure setting: minus numbers are darker; positive numbers are brighter. Default is 0.
White Balance	Auto Sunny Cloudy Incandescent light Fluorescent light	Auto: Suitable for most situations. Sunny: Suitable for daylight environments. Cloudy: Suitable for overcast, cloudy environments. Incandescent light: Suitable for dimly lit environments. Fluorescent light: Suitable for artificial light source environments.
Image Rotation	Checkbox	Rotate images that appear upside-down.
Driving mode	Checkbox	If the camera is used in the car as a driving recorder, enabled this function for automatic video recording once the vehicle is started. Recording will stop about 2 minutes after the vehicle is switched off.
Wi-Fi	Checkbox	Enter Wi-Fi mode immediately if this function is checked. Press the up button to exit.
Light Source Frequency	Auto, 50Hz, 60Hz	Select the environment light source frequency.

# Settings (Cont.)

Main Menu	Submenu	Description
LED Indicator Light	Checkbox	Turn on/off the LED indicator light.
Auto Screensaver	10s, 20s, 30s, Close	Select the duration of inactivity before the camera turns off the LCD screen.
Auto Shutdown	1 minute, 3 minutes, 5 minutes, Close	Select the duration of inactivity before the camera automatically switches off.
Time Watermark	Checkbox	Choose to show the time on videos/photos.

## System Settings

Main Menu	Submenu	Description
Language	English, Japanese, Italian, and more	Select system language.
Date and Time	Set up the date and time format	Use up/down button to change the number; use the OK button to confirm and switch to the next number setting.
Format	Confirm/Cancel	Format the memory card .
Reset to Factory Settings	Confirm/Cancel	Reset all settings to factory default mode.
Firmware Version		Show the software version of the product.

# Specifications

## Technical Specifications

<b>Image sensor</b>	SONY 179, 8M pixel COMS
<b>Function modes</b>	Recording, Movement, Photo, Playback
<b>LCD screen</b>	2.0" LCD Screen
<b>Picture resolution</b>	16M (4608 x 3456) 12M (4000 x 3000) 8M (3264 x 2448) 5M (2592 x 1936) 2M (1600 x 1200)
<b>Video resolution</b>	4K (3840 x 2160 30fps) (Interpolated), 2.7K (30fps) (Interpolated), FHD (1920 x 1080 30fps), FHD (1920 x 1080 60fps), HD (1280 x 720 30fps), HD (1280 x 720 60fps), HD (1280 x 720 120fps)
<b>Storage medium</b>	Micro SD card (TF Card, supports 64GB max.)
<b>File format</b>	Image: JPEG Video: H.264 (MP4)
<b>Recording time</b>	90 minutes max. standard video (FHD 30fps)
<b>USB Port</b>	USB 2.0
<b>Power supply</b>	3.7V 900mAh Li-ion battery
<b>Dimensions</b>	61 x 41 x 30mm
<b>Weight</b>	60g (including battery, not including accessories)



# Other Useful Information

**Responsible disposal of the product:** At the end of its working life, do not throw this product out with your household rubbish. Electrical and electronic products contain substances that can have a detrimental effect on the environment and human health if disposed of inappropriately. Observe any local regulations regarding the disposal of electrical consumer goods and dispose of it appropriately for recycling. Contact your local authorities for advice on recycling facilities in your area. Never throw the product or battery into a fire.

**Responsible disposal of the packaging:** The packaging of the product has been selected from environmentally friendly materials and can usually be recycled. Please ensure these are disposed of correctly. Plastic wrapping can be a suffocation hazard for babies and young children, please ensure all packaging materials are out of reach and are safely disposed of. Please ensure they are offered for recycling rather than thrown away.

**WARNING: Keep batteries out of reach of children. Swallowing may lead to serious injury or death in as little as 2 hours due to internal burns. If swallowed, go straight to a hospital emergency room. Dispose of used batteries immediately.**



DANGER if swallowed



## Action Camera

# Warranty Details

---

Register your purchase at [www.aldi.com.au/en/about-aldi/product-registration](http://www.aldi.com.au/en/about-aldi/product-registration) to stay updated with important product information

---

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and to compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.





## Action Camera

# Repair and Refurbished Goods or Parts Notice

---

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost. **We recommend you save this data elsewhere prior to sending the product for repair.**

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type or use refurbished parts in the repair process.

**Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.**

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 886 649 or write to us at:

Tempo (Aust) Pty Ltd ABN 70 106 100 252  
PO Box 6056 Frenchs Forest, NSW 2086, Australia

Tempo Help Desk: 1300 886 649 (Aust)

(Operating Hours: Monday-Friday 8:30am-6pm; Saturday 9am-6pm AEST)

Email: [info@tempo.org](mailto:info@tempo.org)





## Online support

Visit [www.bauhn.com.au](http://www.bauhn.com.au) for software updates to keep your product up-to-date, as well as the latest Instruction Manual for information on the updated features.

## Warranty returns

Should you for any reason need to return this product for a warranty claim, make sure to include all accessories with the product.

## Product does not work?

If you encounter problems with this product, or if it fails to perform to your expectations, please contact our After Sales Support Centre on 1300 886 649 before returning it to the store for a refund.