AMCREST GO

# 4K ACTION CAMERA

## USER MANUAL




Model No: AC4K-600

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Thank you for purchasing an Amcrest 4K Action Camera! This manual will provide you with all the basics on how to properly use your camera. Please read the safety precautions fully before enjoying your camera.

## Safety Precautions

To avoid injury to yourself and others always be aware of your surrounding when using your camera.

• This product is for adult use only. Keep out of reach of small children and supervise children while in use.

• Do not use the camera close to objects such as magnets or areas with strong radio waves are present. Exposure to such areas may cause the image to distort or malfunction.

• Do not use the camera areas that exceed the recommended threshold of 14°F - +131°F (-10°C - +55°C).

• Do not expose the lens to direct sunlight while in use.

• Do not use a microSD card above 128GB. MicroSD cards below class 10 and not formatted to FAT32 may not be suitable for this device.

• Do not leave the camera unattended when charging. If the battery becomes damaged replace the battery immediately.

• Do not leave the camera in wet or poorly insulated areas.

# What's Included

1. 


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12. 

1. Amcrest 4K Action Camera
2. 30m Waterproof Case
3. Bicycle Mount
4. Back Clip (for belt clip)
5. Mount Connector
6. Mount Connector Clip
7. 1/4" Tripod Connector
8. Helmet Mounts (Adhesive)
9. Adhesives
10. Helmet/mount straps
11. USB Charge Cable
12. Li-ion Battery

# Product Features

Your new Amcrest AC4K-600 comes with the following features.

• Waterproof case which allows the camera to take photos/videos up to 98ft (30 meters).
• Built-in microphone to capture audio with your video.
• The ability to record in 4K resolution at 60fps.
• UltraHD 2.0-inch display screen to display or replay video.
• 16-megapixel UltraHD lens which provides a super wide 170° angle of view.
• Store up to 128GB of video with a microSD card (sold separately).
• High definition micro-HDMI output port.
• H.264 compression for more efficient performance.
• The ability to loop, time lapse, slow motion, and more.
• Connect to a WiFi network to access your camera via the Amcrest Go app.

# Getting Started

## Removing the Waterproof Case

1. Hold the case toward you and slide the release button to the left then push up on the clamp to release.





2. Remove the camera from the waterproof case by sliding it out the backdoor hatch.

## Inserting the Camera

1. Put the camera into the backdoor hatch and place the clamp over the hinge on the back of the case.






2. Push down on the clamp to secure the backdoor hatch to the case.

This section provides a brief overview of the physical features of your camera.




## Inserting a MicroSD Card

Insert a properly formatted MicroSD card into the MicroSD card slot. It is recommended to use a microSD card that is class 10 or above and does not exceed 128GB.




## Charging the Battery

The battery will come preinstalled inside the camera. To charge the camera use the supplied USB charging cable to connect the camera to a computer or or USB power adapter. It takes up to 3 hours for the battery to fully charge.




**Powering the Camera On and Off**

**To Power On:**
Press the Power Button

**To Power Off:**
Press and hold the power button for 2 seconds.

# Operation Guide

## Changing Modes

The camera comes with 2 different easily changable modes; video and photo. To change modes, press the **Mode** button on the front of the camera.

To access mode options, press and hold the OK button for 3 seconds to access the main menu. Then, press OK once on the Camera menu.

## Video Options

The camera features 4 video options:



**Record:** Press OK to view the live feed and record video. The default resolution will be 4K @ 60fps.



**Slow-Mo:** Press OK to record in slow motion video. The default slow motion setting is 720P @ 8X.



**Loop:** Press OK to record loop recording. The default loop will be set to 2 minutes.



**Time Lapse:** Press OK to record a time lapse recording. The default lapse interval will be 0.5 seconds.

## Photo Options

The camera features 4 photo options:



**Photo:** Press OK to set the camera into photo mode. The default photo setting will be 20M.



**Auto-Snap:** Press OK to set your camera to automatically take pictures at a given interval. The default will be 3 seconds



**Burst:** Press OK to set your camera to take a series of photos. The default frequency will be 3 seconds per second.



**Timer:** Press OK to set your camera to take a photo after a set time period. The default timer will be set to 3 seconds. Countdown can be adjusted to 20s.

## Using Record Mode

1. Press and hold the Mode/OK button on the front of the camera to turn it on. The camera will automatically be set to video mode by default.
2. Use the LCD screen to view and press the OK to begin recording video.
3. To stop a recording, press the OK button again.

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

**Recording Audio**

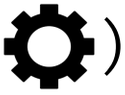
The camera is set to record audio by default along with video however, audio may be less audible when using the waterproof case. For best audio quality, the camera will need to be used without the case. When using the camera without the case, do not get the camera wet.

**Using Slow-Mo Mode**

1. Turn the camera on using the Mode/Power button then press and hold the OK button to access the main menu.
2. Press the OK button to enter the Camera menu. Use the arrow button on the side of the camera to highlight "Slow-Mo" and press OK.
3. Press the OK button to start a slow motion recording.
4. To stop a slow motion recording, press the OK button again.

**Adusting Slow-Mo Resolution.**

By default, slow motion resolution may be set to 1080P @ 4x however, lower resolutions and speeds can be selected.

To change the resolution for your slow motion recording, press and hold the OK button. Use the down arrow on the side of the camera to highlight the Settings () icon and press OK.

Press the OK button to access the “Slow-Mo Rec” menu and use the up and down arrows on the side of the camera to set a resolution. Press OK to set a resolution.

To return to the live view screen, press the Mode/Power button twice to highlight the go back icon and press OK to exit.

**Using Loop Mode**

1. Turn the camera on using the Mode/Power button then press and hold the OK button to access the main menu.
2. Press the OK button to enter the Camera menu. Use the down arrow button on the side of the camera to highlight Loop recording and press OK.
3. Press the OK button to start a loop recording.
4. To stop a loop recording, press the OK button again.

**Adjusting a Loop Interval**

To change the interval, press and hold the OK button. Use the down arrow on the side of the camera to highlight the Settings () icon and press OK.

Press the OK button to access the Loop menu then use the down arrow on the side of the camera to highlight the Video Length menu. Press the OK button

Use the up and down arrows on the side of the camera to select an interval and press the OK button to confirm.

To return to the live view screen, press the Mode/Power button twice to highlight the go back icon and press OK to exit.

**Using Time Lapse Mode**

1. Turn the camera on using the Mode/Power button then press and hold the OK button to access the main menu.
2. Press the OK button to enter the Camera menu. Use the down arrow button on the side of the camera to highlight Time Lapse and press OK.
3. Press the OK button to start a time lapse recording. The recording will be in real time on the live view screen but will playback in a time lapse format.
4. To stop a time lapse recording, press the OK button again.

## Adjusting a Time Lapse Interval

By default, the camera will be set to record a time lapse interval of 0.5 seconds. This can be adjusted to either, 1s, 2s, 5s, 10s, 30s, or 60s from the camera directly.

To change the interval, press and hold the OK button. Use the down arrow on the side of the camera to highlight the Settings (⚙) icon and press OK.

Press the OK button to access the time lapse menu then use the down arrow on the side of the camera to highlight the Rec Interval menu. Press the OK button.

Use the up and down arrows on the side of the camera to select an interval and press the OK button to confirm.

To return to the live view screen, press the Mode/Power button twice to highlight the go back icon and press OK to exit.

## Using Auto Snap Mode

1. Turn the camera on using the Mode/Power button then press and hold the OK button to access the main menu.
2. Press the OK button to enter the Camera menu. Use the down arrow button on the side of the camera to highlight the Auto Snap feature and press OK.

3. Press the OK buitton to automatically take pictures at a set interval.

**Adjusting Auto Photo Intervals**

By default, the Auto photo feature will be set to take pictures at 20M with an interval of 3 seconds. This can be adjusted in the camera as well from 10s, 15s, 20s, and 30s.

To change the interval, press and hold the OK button. Use the down arrow on the side of the camera to highlight the Settings (⚙) icon and press OK.

Press the OK button to access the Auto Snap menu then use the down arrow on the side of the camera to highlight the Photo Interval menu. Press the OK button.

Use the up and down arrows on the side of the camera to select an interval and press the OK button to confirm.

To return to the live view screen, press the Mode/Power button twice to highlight the go back icon and press OK to exit.

**Using Burst Mode**

1. Turn the camera on using the Mode/Power button then press and hold the OK button to access the main menu.

2. Press the OK button to enter the Camera menu. Use the down arrow button on the side of the camera to highlight the Burst mode feature and press the OK button.
3. Press the OK button to take a burst photo.

**Adjusting Burst Mode Intervals**

By default, burst mode will be set to a frequency of 3 photos per second however, this can be adjusted to 5 or 10 photos.

To change the interval, press and hold the OK button. Use the down arrow on the side of the camera to highlight the Settings (⚙) icon and press OK.

Press the OK button to access the Burst mode menu then use the down arrow on the side of the camera to highlight the Snapshots menu. Press the OK button.

Use the up and down arrows on the side of the camera to select an interval and press the OK button to confirm.

To return to the live view screen, use the Mode/Power button to highlight the go back icon and press OK to exit.

## Using Playback Mode

You can view playback of your recordings and photos directly that were saved onto the microSD card by setting the camera into playback mode.

1. Turn the camera on using the Mode/Power button then press and hold the OK button to access the main menu.
2. Using the down arrow button on the side of the camera, highlight the playback icon ( ) and press the OK button.

## Navigating the Playback Menu.

Both video recordings and photos can be accessed in the playback interface. Use the up or down arrows to navigate through your recordings.

A video icon ( ) will be shown in the upper left corner of the screen indicating a video is selected. A photo icon ( ) will be shown if a photo is selected. Press the OK button to view.

## Deleting a Recording

To delete a recording, select a recording/photo then press and hold the OK button. Use the down arrow on the side of the camera to highlight “Yes” and press the OK button.

## Changing Camera Settings

This menu allows you to access general settings related to your camera. To access the camera settings menu please refer to the information provided below.

1. Turn the camera on using the Mode/Power button on the front of the camera. Press and hold the OK button to access the main menu.
2. Using the down arrow button on the side of the camera, highlight the settings icon ( ) and press OK.
3. Press the Mode/Power button to highlight the settings menu.

**Flip Image:** Used to flip the live view 0° or 180°.
**Wi-Fi:** Used to enable or disable the Wi-Fi of the camera.
**Wi-Fi Information:** Displays Wi-Fi information related to your camera.
**Reset Wi-Fi:** Resets your Wi-Fi information back to default.
**Light Source Frequency:** Sets light frequency to Auto, 50Hz, or 60Hz.
**LED Indicators** - Turn the LED indicator on the camera on or off.
**Auto Sleep** - Set a screensaver to automatically turn on when camera is idle.

**Auto Power Off -** Set the camera to automatically turn off when idle
**Button Volume** - Adjusts the button volume of the camera.
**Language:** Change the language of your camera: English, Simplified Chinese, Traditional Chinese, Korean, Russian, French, German, Italian, Spanish, Portuguese, Japanese, Dutch, Thai, Polish.
**Time Format -** Adjusts displayed time and date format.
**Sync Time** Manually adjust the current time on your camera.
**Set Date:** Manually adjust the current date on your camera.
**Format:** Formatting a microSD card will format the microSD to a FAT 32 file system and result in the removal of all data stored on the card.
**Device Info:** View the model and current firmware version being used.
**Factory Reset:** Resets the settings on your camera back to its original factory settings.

To exit the camera settings menu, press the Mode/Power button to access the exit menu. Press the OK button to exit.

# App Guide

The Amcrest 4K action camera has a built-in Wi-Fi feature which allows it to connect to the Amcrest Go mobile app. This app allows you to view your camera on a mobile device.







**Connecting to the App**

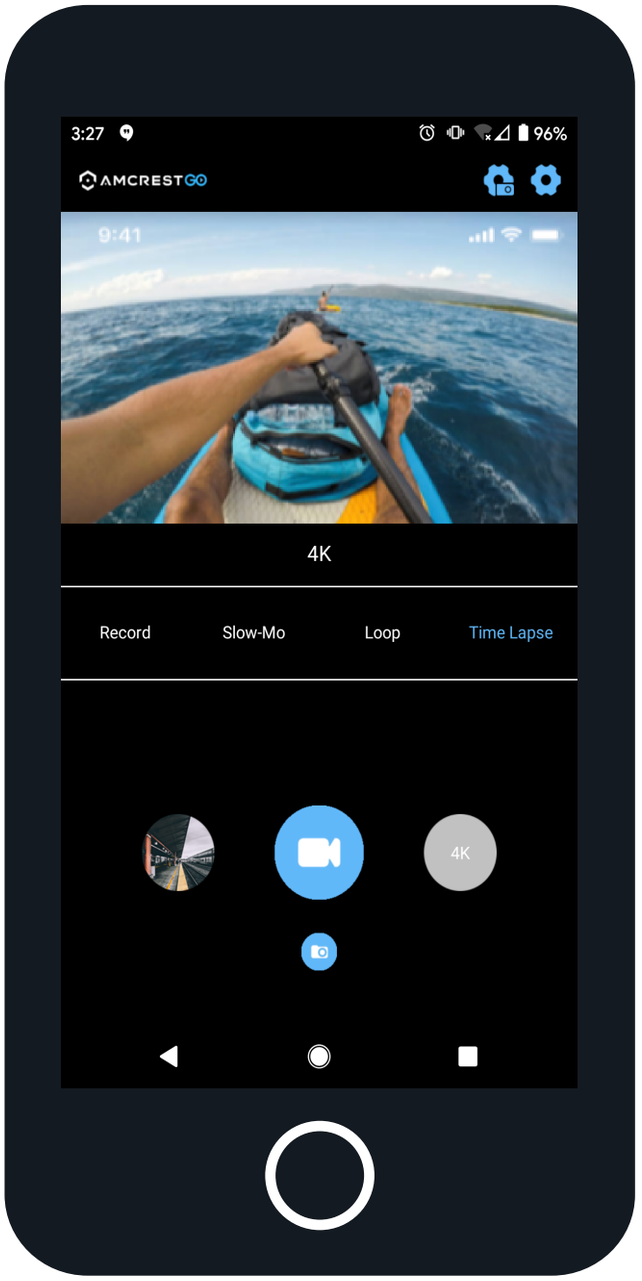
1. Download the Amcrest Go app from the App Store or Google Play store and open the app.
2. On the camera, press and hold the Mode/Power button to turn the camera on. Hold the **Up** arrow on the side of the camera for 3 seconds to enable WiFi mode.

**Note:** Android users, please set your phone into **Airplane mode** before continuing setup.

4. On your mobile device, navigate to Wi-Fi settings and select your **camera's WiFi ID** from the WiFi menu. Enter the WiFi password displayed on your camera. Tap **Connect** to continue. Once the app has connected successfully, tap **Done** to access the app interface.

# App Interface

The app interface allows you to view your camera, access settings, and view playback, all from your mobile device.

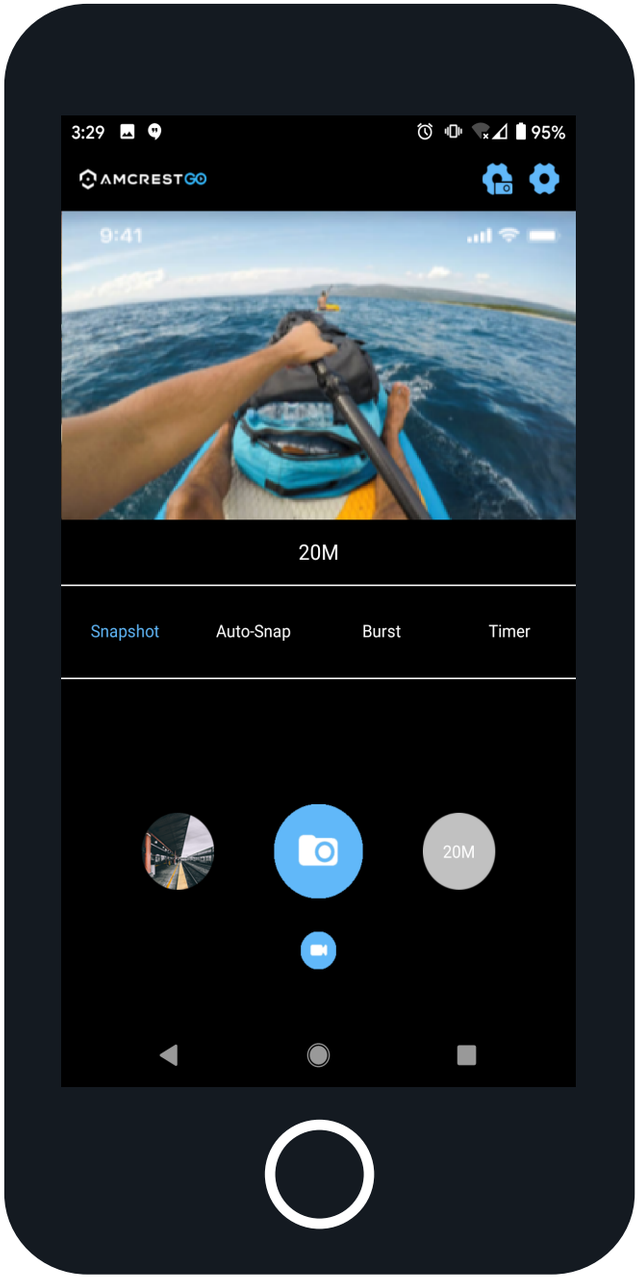



## Video Mode Interface

**Record** - Press the record button to record real time video.
**Slow Motion** - Access slow motion settings. For more information about slow motion refer to page 10.
**Loop** - Access loop recording settings. For more information on loop recordings refer to page 11.
**Time Lapse** - Access time lapse settings. For more information on time lapse refer to page 12.
**Mode Settings** (⚙) - Access settings for each video mode.

## Snapshot Mode Interface

The snapshot interface allows you to view your camera as well as set and adjust snapshot settings.




**Snapshot -** Press the snapshot button to snap a photo.

**Auto**- Automatically take a photo in set intervals. For more information on auto snapshot refer to page 13.

**Burst**- Take multiple photos. For more information on burst mode refer to page 14.

**Timer** - Provides an adjustable countdown in between photos. For more information about timer mode refer to page 9

**Mode Settings** (⚙) - Access settings for each photo mode.

## Camera Settings Interface

The camera settings interface allows you to adjust camera related settings. Each setting will be applicable to each camera mode. The camera settings interface is accessible by tapping on the settings icon (⚙) in the app interface.

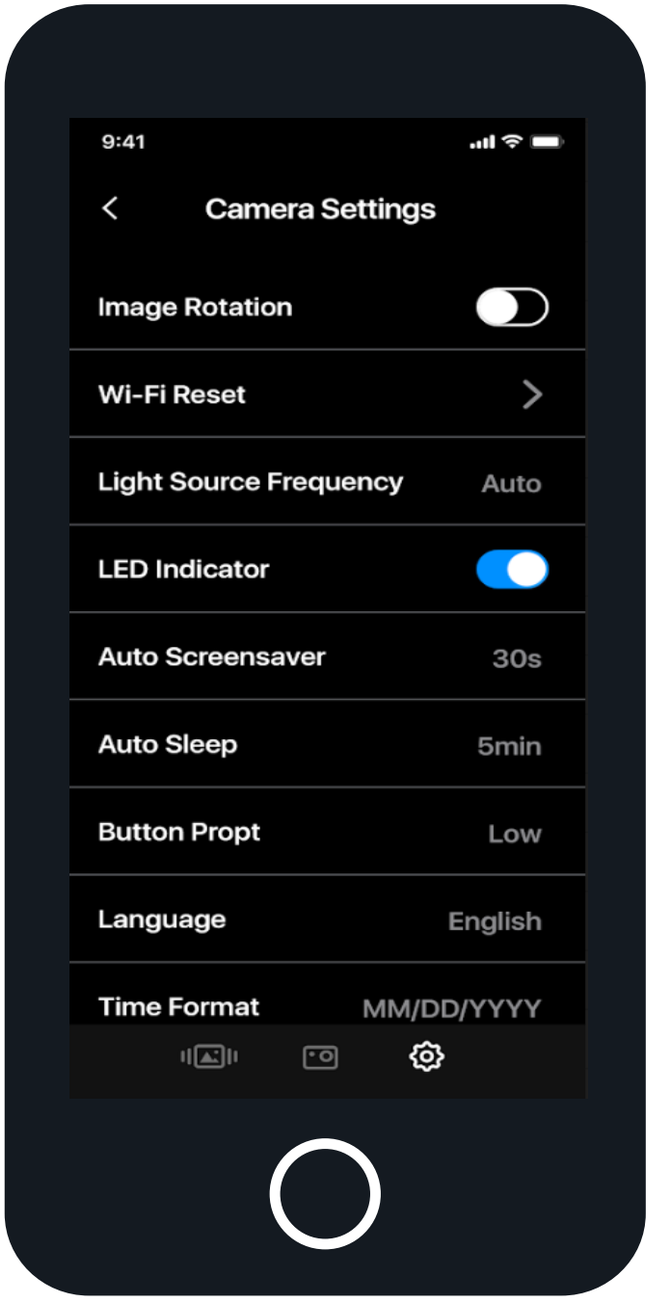
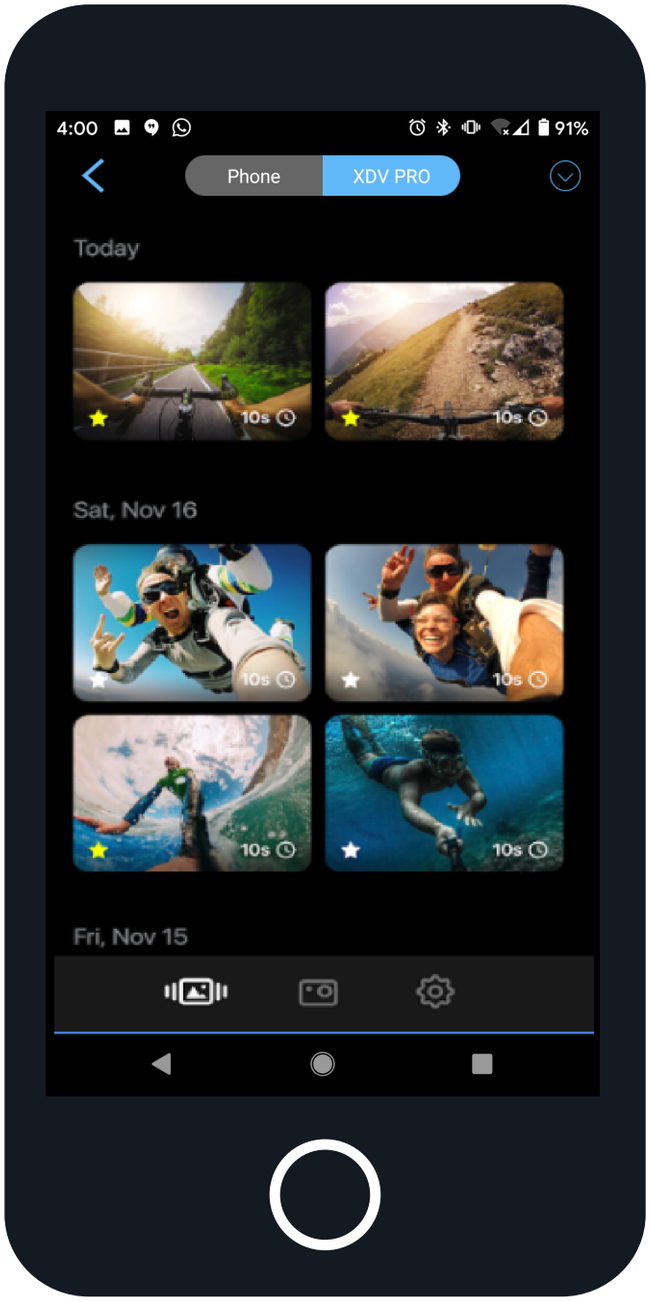



**Image Rotation -** Flips the image of the camera 0° or 180°.
**Wi-Fi Reset -** Reset Wi-Fi information.
**Light Source Frequency -** Set light frequency to Auto, 50Hz, or 60Hz.
**LED Indicator** - Turn the LED indicator on the camera on or off.
**Auto Screensaver** - Set a screensaver to automatically turn on when camera is idle.
**Auto Sleep -** Set the camera to automatically turn off
**Button Prompt** - Adjusts the button volume of the camera.
**Language -** Changes the language of the camera.
**Time Format -** Adjusts displayed time and date format.

## Gallery Interface

The gallery interface allows you to playback recordings stored on your phone or from the camera via a microSD card. The gallery interface can be accessed by tapping on the gallery icon ( ) in the app interface.




**Phone** - Access and playback all recordings stored on your phone.
**Camera** - Access and playback all recordings stored on your camera via an inserted microSD card.
**Today -** Showcases all recordings that were stored on the same day.

**Note:** All other recordings will be stored via the date they were taken. Scroll up or down in the gallery menu to search and playback recordings.

To playback a recording, select your recording from the gallery list and double tap to view.

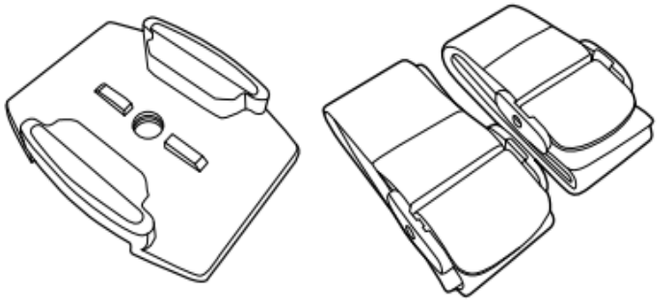
# Technical Specifications

| | |
|---|---|
| Display | 2.0LTPS 320x240 |
| Lens | 170° ultra wide-angle lens |
| Video Recording | 4K (3840*2160) 60FPS, 2.7K (2688*1520) 30FPS, 1080P (1920*1080) 60/30FPS, 720P (1280*720) 120/60/30FPS |
| Video Format | MP4 |
| Photo Resolution | 8M/13M/16M/20M |
| Storage | Micro SD (up to 128 GB) Class 10 recommended |
| Photo Modes | Single shot / Timed / Burst / Time lapse |
| Record Modes | Record, Slow Motion, Loop, Time lapse |
| Light Source Frequency | Auto/50Hz/60Hz |
| USB | USB 2.0 |
| Power Supply | 5V, 1.0A |
| Power Consumption | 450mA @ 4.2V |
| Battery Capacity | 1050MAH |
| Charge Time | 3 Hours |
| Recording Time | 1080P / 70 minutes |
| Dimensions | 2.36" x 1.22" x 1.69" ( H x W x D) |
| Working Temp | 14°F ~ 131°F |
| Storing Temp | -4°F ~ 158°F |

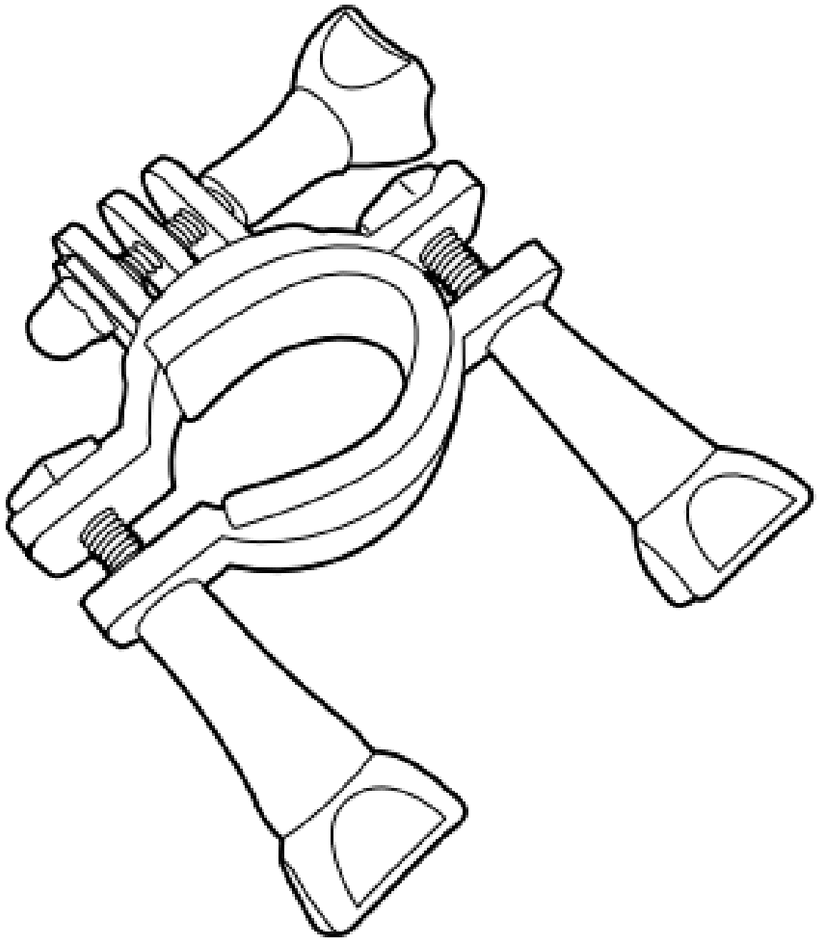
# Mounting Guide

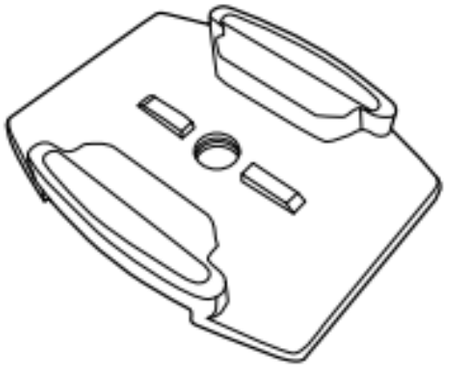
The Amcrest 4K Action camera comes with mounts which allow you to use your camera for various outdoor activities.

The bicycle mount is used to fix the camera to the handlebars of a bike.



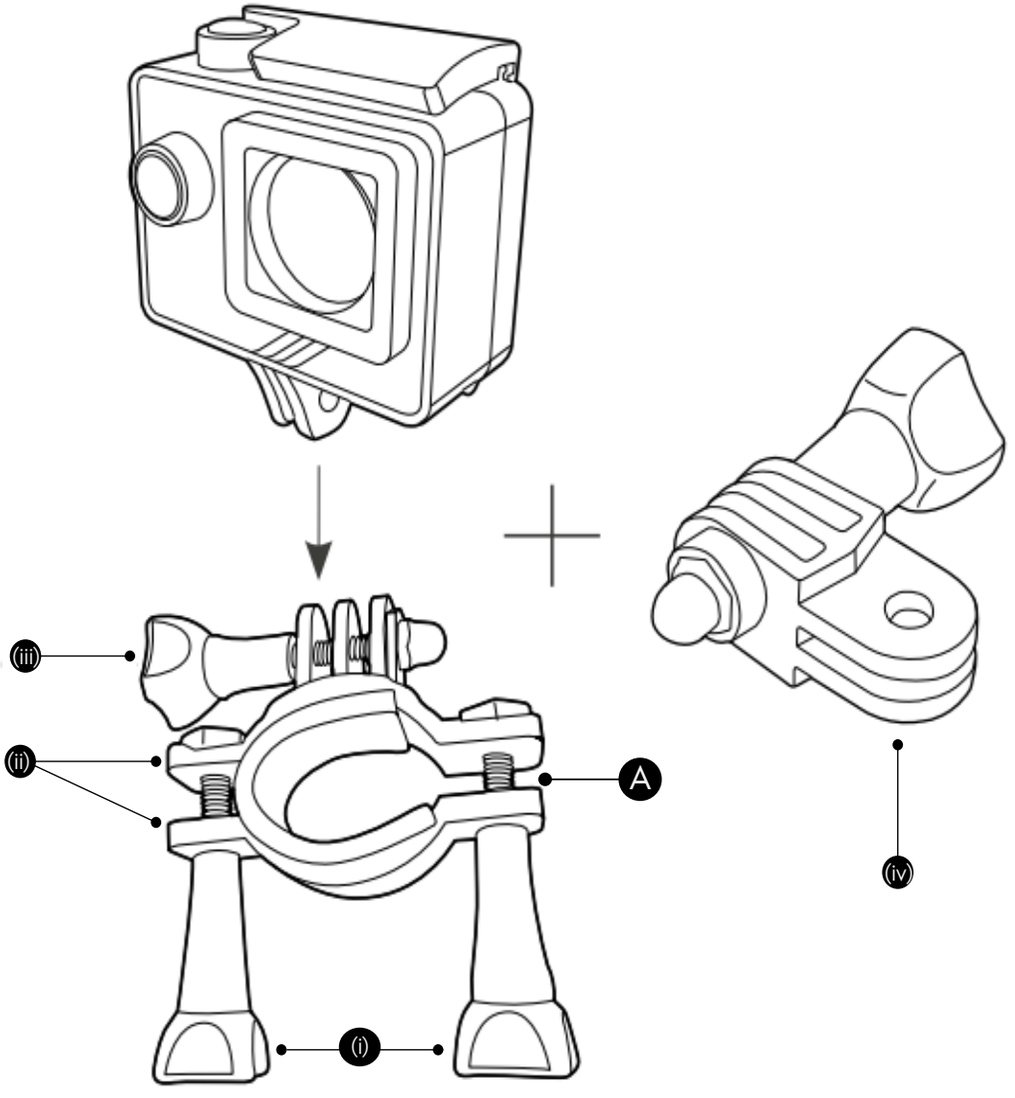
Use adhesive mount to hold the camera and provided straps to fix it to a vented helmet.





Adhesive mounts are used to mount the camera to a flat/curved, smooth surfaces.

## Mounting the Camera to a Bike




1. Unscrew both screws (i) and place both halves (ii) of the Bicycle Mount (A) around the desired position on the bike.

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

4. If you wish to use a forward-facing bar you may wish to use the 90° adaptor (iv) in between the camera and the bicycle mount to make the camera forward-facing.

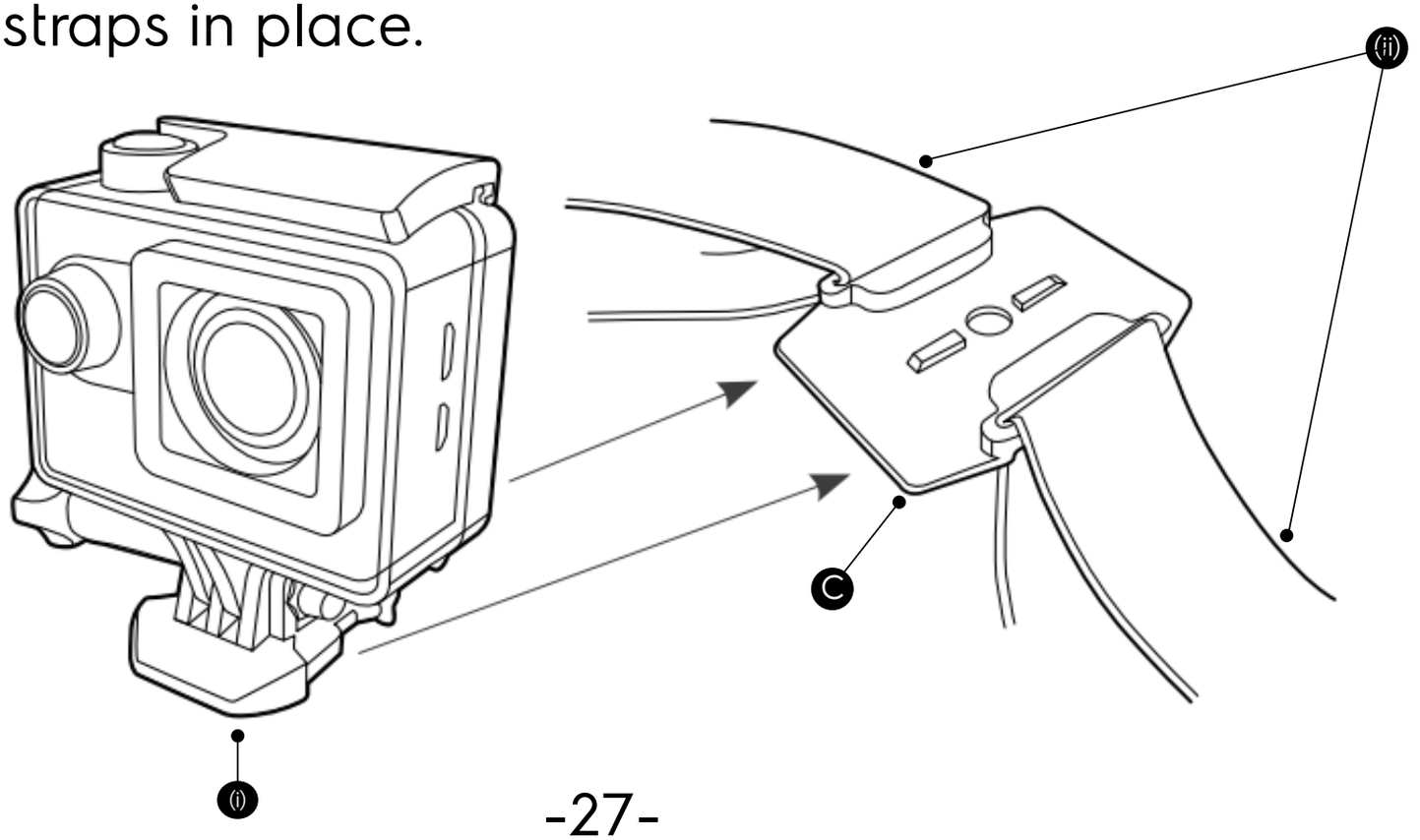
## Mounting the Camera to a Vented Helmet

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.



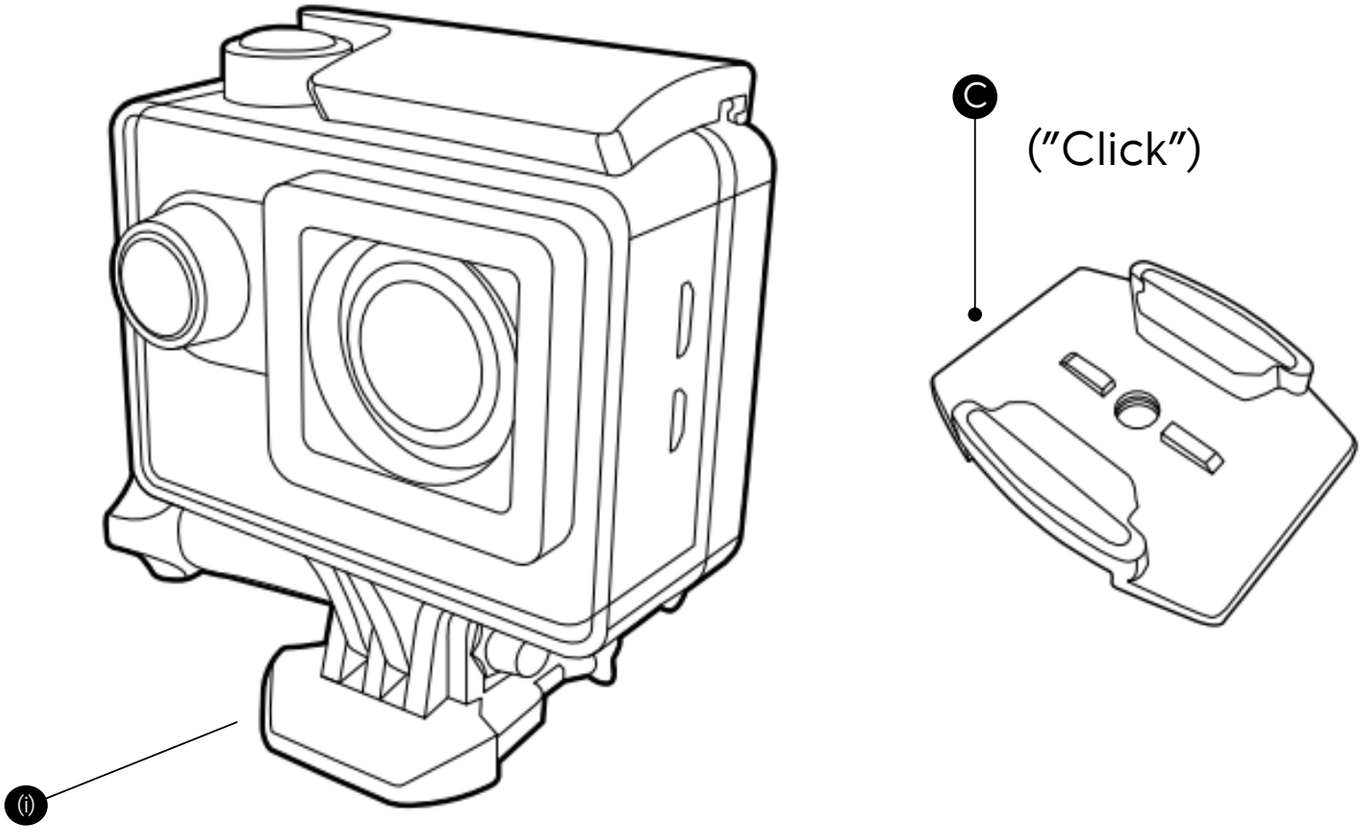
## Mounting the Camera to a Board/Flat Surface

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 you hear it “Click” into position.



# FCC Statements

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

2. The user's manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes, or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

3. (b) For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual: NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.

4. RF exposure warning This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Visit http://amcrest.com/contacts and use the email form
Call Amcrest Support using one of the following numbers:
Toll Free US: (888) 212-7538
International Callers (Outside of US): +1-713-893-8956
USA: 713-893-8956
Canada: 437-888-0177
UK: 203-769-2757
Email Amcrest Customer Support support@amcrest.com