

User Manual

RolleiActioncam 560 Touch



1. Key features

Video Resolution: 4K@60FPS, 4K@30FPS, 1440P@30FPS, 1080P@120FPS, 1080P@60FPS, 720P@240FPS, 720P@120FPS

Image Resolution: 20MP

2" TFT touch screen

3.8V/1100mAh removable Lithium-ion battery

Support Wi-Fi connection

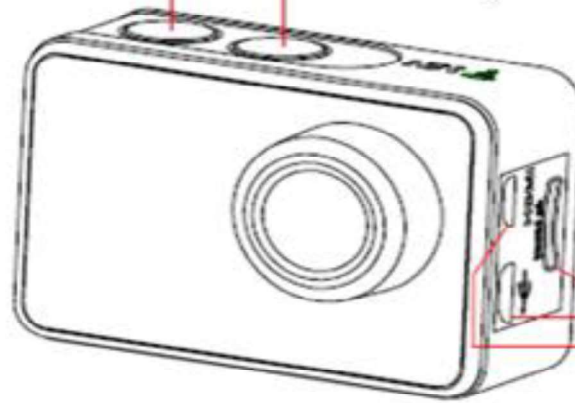
Support 2.4G RF Remote Controller

Support MicroSD Card up to 64 GB

2. Camera description

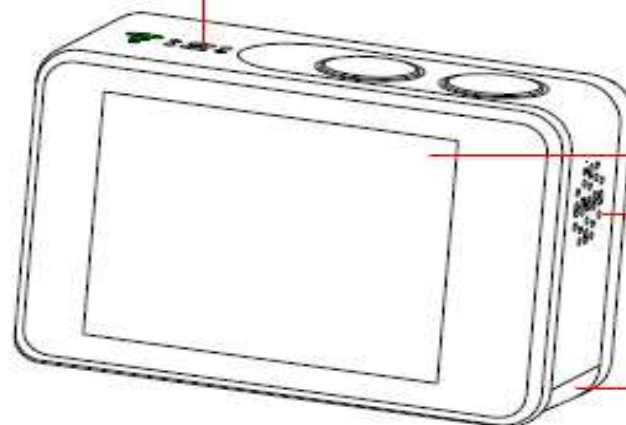
Power/Mode/Navigation

Shutter/Menu/Confirm



Micro SD card slot
Mini USB Port
HD Port

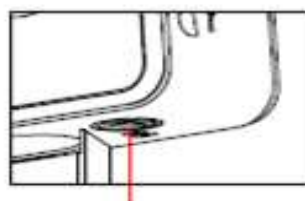
Internal Mic



LCD Touch Screen

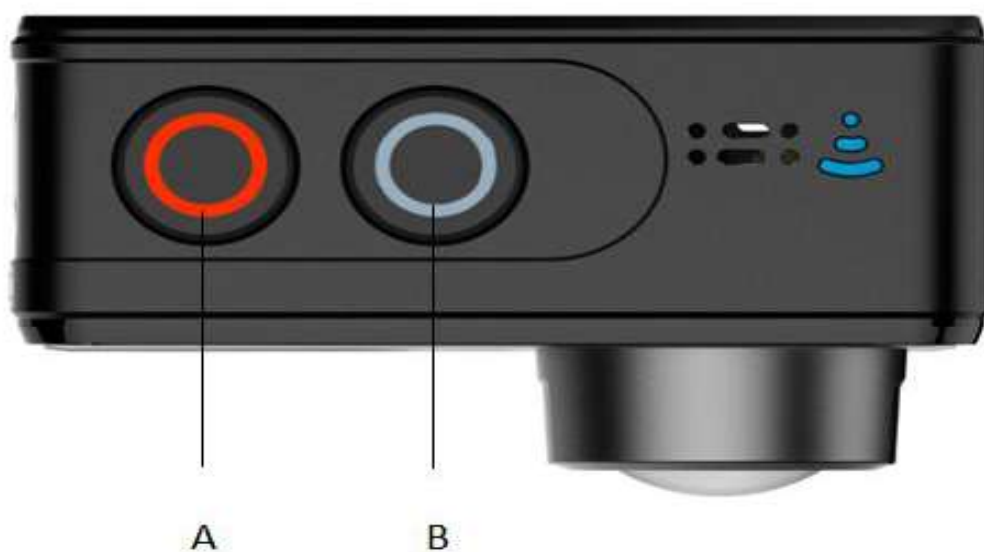
Speaker

Li-ion battery cover



Tripod Hole (Bottom)

3. Using the camera



Indicators



3.1 Power on & Power off the camera

Turn on

Long press Power button (A) for 3 seconds to power on, indicator A turns blue.

Turn off

Long press Power button (A) for 3 seconds to power off, indicator A blinks and then turns off.

3.2 Insert a Memory Card

Insert a MicroSD card into the SD card slot.

NOTE:

1. We suggest to use Class 10 (or higher) Micro SD cards for a smooth recording. Lower Class of the Micro SD Cards may cause the video blur or frame drops.
2. There is only one correct direction to insert the SD Card into the slot. Do not force the card into the card slot as it may damage both the SD Card and camera.
3. A new Micro SD Card should be formatted before using.

3.3 Charge the battery

Before using the AC 560 TOUCH for the first time, please fully charge the battery.

1. Connect the AC 560 TOUCH with an USB-charger or USB-device by Mini USB cable.
2. Charging Indicator B turns red during charging.
3. A complete empty battery takes approximately 2.5 hours to get fully charged. The red indicator turns off after the battery is fully charged.
4. When the battery is going to run empty, the red indicator B blinks twice a second.
5. Some functions, such as Wi-Fi, are unavailable if the battery is in lower condition.

3.4 Insert camera into the waterproof case

1. Ensure the case is dry and clean.
2. Insert the camera and make sure the lens fits neatly in the lens cavity.
3. Close the locking clamps.
4. The waterproof case can be mounted, using the accessories in the box.

3.5 Record a video

Press Shutter button (B) when powered on, LED B turns green and keep blinking twice a second; Press Shutter button (B) again to stop, and the LED B light turns off.

3.6 Shoot a single picture

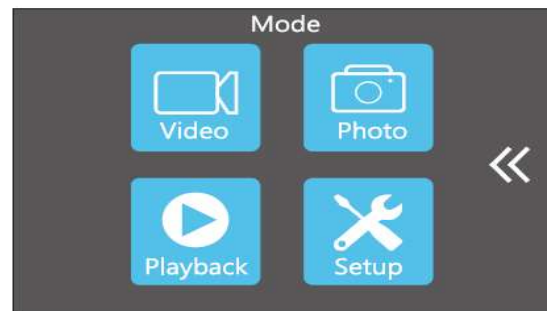
Press Shutter button (B) once to shoot a single picture, LED B flashes green.

3.7 Mode Shift

1. Main mode shift (A)

When powered on, short press on button A to shift among Video Recording - Photo Shot - Playback- Setting, pause to confirm on current mode.

You can easily access this menu with touch operation by touch the left arrow.



2. Main mode shift (B)

When powered on, long press on button B for 3 seconds to enter Setup menu: Video - Photo - Effect - General.

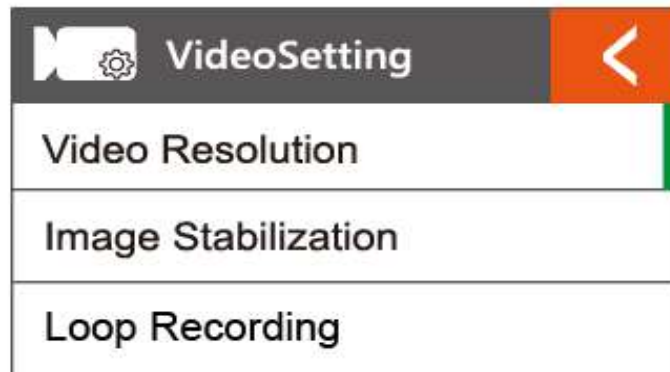


4. Setup your camera

Long press on Button B to enter Setup "Video - Photo - Effect - General", press Button A to navigate and press Button B to confirm. Long press on Button B again to exit.

4.1 Video SETUP

Press Power Button (A) once to navigate, press Shutter Button (B) to Enter/Confirm selection.



Video Resolution

To set the video resolution.

Image Stabilization

To activate/deactivate the digital image stabilization. Image stabilization can't be activated on 4K@60fps, 1080p@120fps, 720p@240fps, 720p@120fps.

Loop Recording

This allows to record continuously using footage intervals. The camera will delete the oldest loop recording file and replace with the latest recording when the MicroSD card is full.

Time Lapse Interval

This allows to record one frame at the set time interval of Off/0.5 Sec/1 Sec/3 Sec/5 Sec/10 Sec/30 Sec/60 Sec. The final video file will be stored.

Time Lapse Duration

To determine the video Timelapse duration of "Unlimited/5 Min/ 10 Min/ 15 Min/ 20 Min/ 30 Min/ 60 Min, only available when Time Lapse Photo Interval activate.

Slow Motion Movie

This allows to record the action at a faster rate than usual or replayed at a slower rate than usual. This feature is only available on 1280x 720p@120fps.

Fast Motion Movie

This allows to record the action at a slower rate than usual or replayed with a faster rate than usual. This feature is not available when Time lapse is activated.

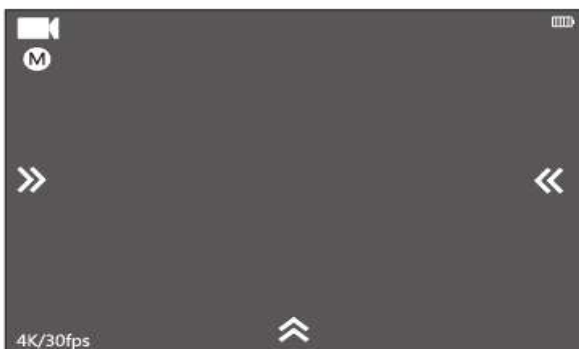
Wind Noise Reduction

To reduce the wind noise during video recording.

Scene Mode

To set different scene modes: Manual, Water, Riding, Winter, Diving, Night.

You can easily access this mode with touch operation by touching the right arrow.



Date Stamp

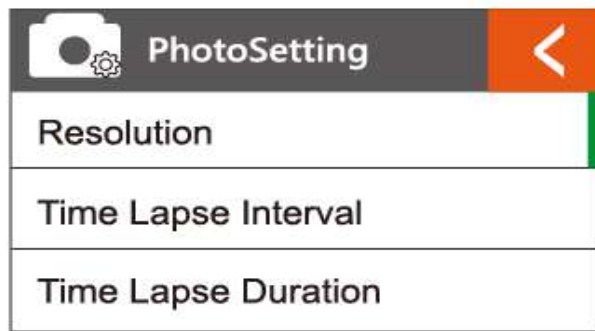
To define if the Date/Time mark is displayed on top of the videos.

Auto Low Light

To use for recording in low light condition.

4.2 Photo Setting

Press Power Button (A) once to navigate, press Shutter Button (B) to Enter/Confirm selection.



Resolution

To set the image resolution.

Time Lapse Interval

This allows you to shoot a continuous sequence of photos with the following intervals
Off/0.5 Sec/1 Sec/3 Sec/5 Sec/10 Sec/30 Sec/60 Sec.

Time Lapse Duration

To determine the photo Time lapse duration of "Unlimited/5 Min/ 10 Min/ 15 Min/ 20 Min/ 30 Min/ 60 Min (only available when Time Lapse Photo Interval activated).

Photo Burst

This allows you to take 3 shots/1s, 7 shots/2s, 15 shots/4s, 30 shots/8s.

Timer

When this mode is enabled, it lets you set intervals of 3 Sec, 5 Sec, 10 Sec when a single photo is taken after clicking the Record button.

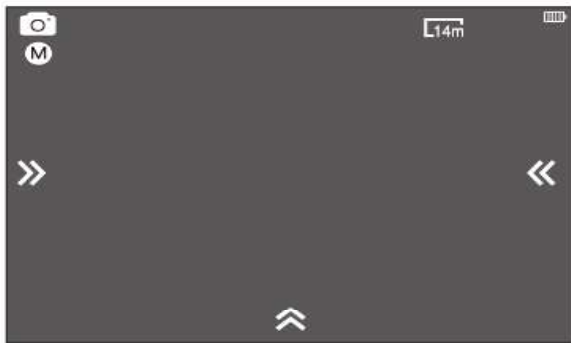
Date Stamp

To define if the Date/Time mark is displayed at the top of the photos.

Scene Mode

To set different scene modes: Manual, Outdoor, Indoor, Portrait, Landscape, Night.

You can easily access this modes with touch operation by touching the right arrow.



Picture Quality

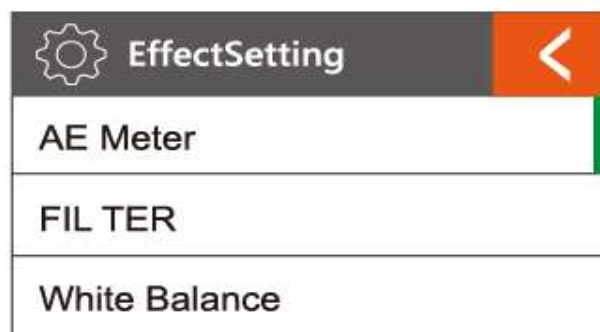
To set the picture quality.

Long Exposure

To use a long-duration shutter speed to sharply capture the stationary elements of images.

4.3 Effect Setting

Press Power Button (A) once to navigate, press Shutter Button (B) to Enter/Confirm selection.



AE Meter

To define which image areas are used to calculate the correct exposure.

FILTER

To filter natural light to change image effects.

White Balance

Factory default is Auto. If you switch Auto OFF, please adjust white balance when lighting condition changes.

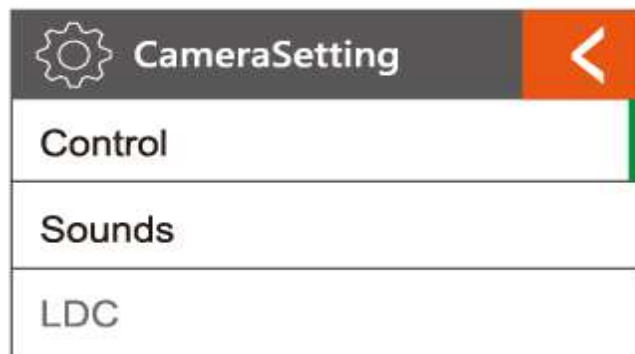
EV

This allows user to set the light exposure value.

ISO

This is the measurement of the sensor's sensitivity to light.

4.4 GENERAL SETTING



Control

This allows user to set the microphone volume, Speaker volume, LCD Brightness.

Sounds

Turns sound of Shutter, Boot-up, Beep OFF or ON.

LDC

To correct the distortion of the wide-angle lens.

FOV

To set the lens wide angle, Super Wide, Wide, Medium, Narrow.

Power Frequency

Selecting the correct light frequency will avoid the possibility for strobing.

WIFI

Selecting to turn on or turn off the Wi-Fi function.

RF

Turn OFF or turn ON the remote control function.

Date & Time

This allows user to adjust the date &time.

Screen Saver

This will determine if the LCD will turn off after 1 min, 3 min, 5 min. Press any key to turn the screen on.

Select OFF to keep the screen always ON.

Auto Power OFF

The camera turns OFF when not in use after a specified time.

Quick Record

The camera records automatically once power on.

USB

MSDC

Use the USB cable to connect the camera to your computer, the camera will turn on automatically. Enter into storage mode and your camera is used as an external storage device. Alternatively, you can remove the MicroSD card and use a card reader (not included) to achieve the same result.

1. Select the file(s) you want to transfer to your computer by highlighting them.

2. Either drag the files to the desired place on your computer (this will make a copy of the file on your computer) OR right-click the file, select "Copy" and right-click in the desired place in your computer and select "Paste".

Note: You can also transfer entire folders of pictures / videos to your computer.

UVC MJPG

The Camera can be used as a PC camera (webcam).

Reset WiFi Setting

To reset the Wi-Fi to factory default.

LANGUAGE

To select the device languages.

Format Card

This is to format the MicroSD card. Choosing to format the card will permanently erase all data on the card.

System

Factory Reset

To reset the camera to factory default settings.

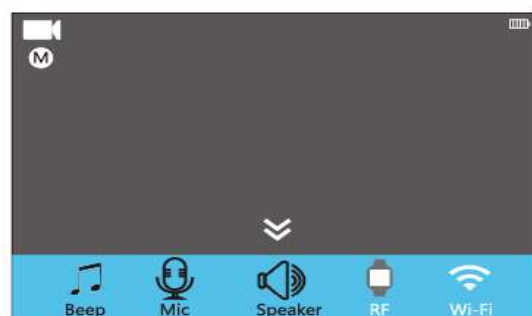
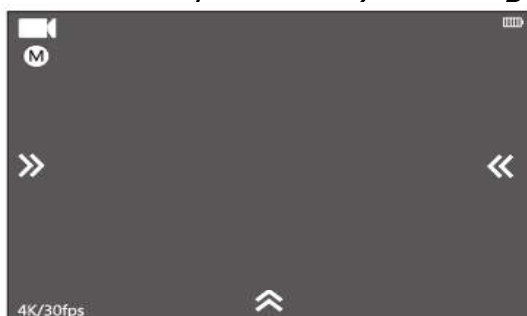
System Info

To show the information of the system.

Card Info

To show the capacity and free space of the MicroSD card.

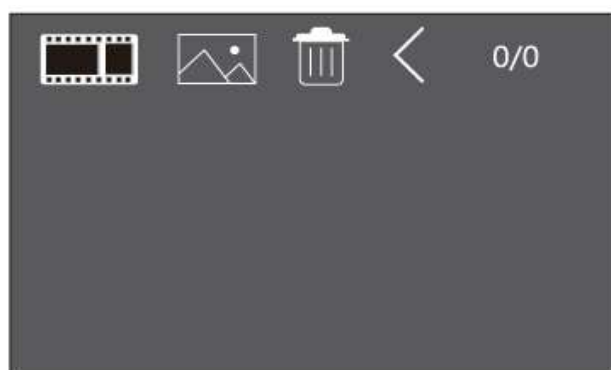
Note: You can easily access some settings such as Beep, Mic, Speaker, RF and Wi-Fi with touch operation by touching the upper arrow.



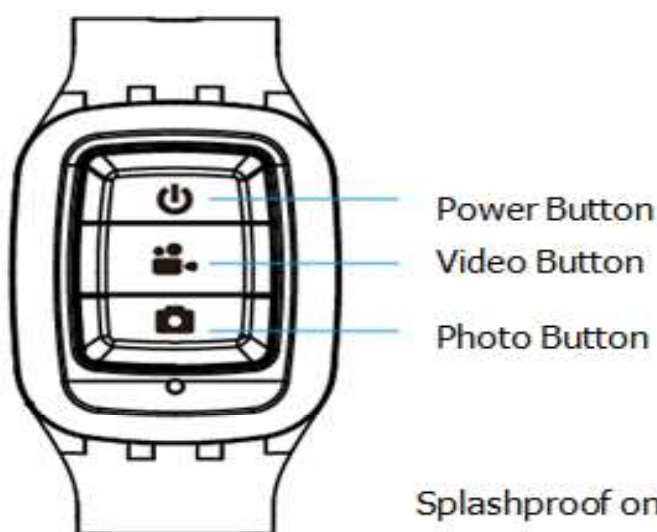
5. Playback Mode

Press Power button (A) to navigate, long press Shutter button (B) to enter the selection, short press Shutter button (B) to play, short press Shutter button (B) again to exit the play control panel.

You can operate it more easily by tap the screen.



6. Remote Control



Splashproof only, not waterproof

Radio frequency remote control: 2.400GHz - 2.4835 GHz; Transmission power: 1.6mW

6.1 Paring procedure

Activate the "RF" in camera setting menu or quick menu at the bottom of display, press and hold the "power" button of Remote Control for 3 seconds. The LED Indicator will light blue when the pairing finished.

6.2 Using your remote

Power OFF button

Press the Power OFF button and hold on for 3 seconds to turn off the camera, the LED indicator turns off accordingly.

Video Record

Press the video button once to start recording, the LED indicator flickers twice also, press the Video button again to stop.

Taking a photo

Press the Photo button once to take a single picture, the LED indicator of the remote flickers twice.

6.3 Replace a new button battery

Like any battery, the one in the AC 560 TOUCH remote will eventually become empty. When it does, the red LED indicator flickers once per second. You need to replace with a new battery.

How to replace a button battery?



1. Buy a button cell with model No. CR2032.
2. Screw the round cap at the bottom of remote, see above pictures for reference.
3. Remove the old battery.
4. Insert the new battery into the slot with the flat surface up.

7. Wi-Fi Setup

The AC 560 TOUCH allows full camera control, live previewing and playback of photos/videos on most Smart phones and Tablets.

a. Download the App "Rollei AC550/560 Touch" from "Google Play Store" or from the Apple "App Store".

b. Activate Wi-Fi in the GENERAL SETUP MENU.

Note: You can easily access the Wi-Fi setting with touch operation by swiping up

c. Go to the Wi-Fi settings on your Phone, you will see "AC 560 TOUCH-XXXXXX" in the list of available Wireless networks. "XXXXXX" is a placeholder for the individual number of the camera.

Note: You can change the Wi-Fi name in the menu setting.

d. Connect your Phone to the "AC 560 TOUCH-XXXXXX" via Wi-Fi. The default Wi-Fi Password for the AC 560 TOUCH is: 1234567890.

Note: You can change the Wi-Fi password in the menu setting.

e. Open the app "Rollei AC550/560 Touch"

Important: Before connecting camera via Wi-Fi, you need to download the "Rollei AC550/560 Touch" App on your smart phone or tablet.

8. Saving and Viewing Options

Connecting to TV

You can display the camera LCD screen on a TV screen.

Note: You will need an extra Micro HDMI to HDMI cable, which is not included in the standard package.

- Turn the camera on;
- Connect Mini HDMI end to the port on camera and HDMI end to HDMI port on the TV;
- Select the right source on the TV.

Cautions

- Do not drop the camera.

- Do not place heavy objects on the camera.
- Keep the camera away from water and liquids (unless equipped with waterproof case). This may cause malfunction.
- Recharge the battery via the USB cable.
- The camera should not be in heat over 55°C.
- Do not use the camera when it is low power.
- Do not use the camera while it is in charging.
- Do not attempt to open the case of the camera or modify it in any way. If the camera has been detached, the warranty will be void.

Disposal



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



Disposal of Waste Electrical and Electronic Equipment and/or Battery by users in private households in the European Union.

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

Battery warning

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

Conformity

The Rollei GmbH & Co. KG herewith declare, that the action camera "Rollei Actioncam 560 Touch" complies with the directive 2014/53/EU:

- 2011/65/EC RoHS Directive
- 2014/53/EU RED-Directive



The complete text of the EU Declaration of Conformity can be downloaded at the following Internet address: www.rollei.com/EGK/ac560Touch