

# Manual for Rollei ActionCam S-50 WiFi *EuroWater* Edition



Specially for the Project *EuroWater* from Committee Europe



## INITIAL SET UP

1. Install a micro SD memory card (max up to 64GB work with class 6 or above) into the camera. Use your fingernail to insert the micro SD card into the slot. The micro SD card will click into place once it is inserted past flush.

\* When using a micro SD memory card, there should be no data from other devices. If you are using a micro SD memory card for the first time in the camera, first you should format the card in your computer.

2. Place battery into the camera.

3. Charging the battery

The Lithium-Polymer battery comes partially charged. To charge, connect the included USB cable to the camera and connect the other end of the cable to a power source such as AC Charger. No damage will occur to the camera or battery if used prior to a full charge.



## Power ON / OFF

Turn ON	Turn on the camera by pressing the Power button <b>❶</b> for at least 3 seconds until the red LED flashes. Then the LCD screen will be ON.
Turn OFF	Turn the camera off by pressing the Power button <b>❶</b> in standby mode for at least 3 seconds. * To save power, the camera will automatically turn off if no button is pressed for more than 3 minutes in standby mode.

## Take a Video

To Start	Press the video button <b>❷</b> . The red status indicator light will flash while recording.
To Stop	Press the video button <b>❷</b> again to stop recording.
Video Capture	Take pictures while video recording. Press the photo button <b>❸</b> . * 1080i is not compatible with video capture function.
Image Rotation	The camera can be mounted Upside Down and the files appear upright when viewing or editing. Press and hold <b>❺</b> Menu > Setting > Image rotation > Select OFF or 180 Degrees

The camera automatically stops recording when the memory card is full or the battery is out of power. Your video will be saved before the camera powers off.

## Take a Picture

To Start	Press the photo button <b>3</b> . There will be a clicking sound.
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## Take Still Pictures

In photo mode the camera can capture image in burst rate at 3/1sec 5/1sec 10/1 sec 10/2sec.

To Start	Press the photo button <b>3</b> . The red status indicator light will flash and there will be clicking sound while photo shooting.
To Stop	Press the photo button <b>3</b> again to stop shooting.

The camera automatically stops taking photos when the memory card is full or the battery is out of power. Your photos will be saved before the camera powers off.

## Time Lapse

In time lapse mode the camera will take sequentially 1 frame per second, 1 frame per 2 seconds, 1 frame per 5 seconds, 1 frame per 10 seconds, 1 frame per 30 seconds or 1 frame per 60 seconds.

To Start	Press and hold <b>5</b> , Menu > Video Setting > Time Lapse Press the video button <b>2</b> . The red status indicator light will flash and there will be clicking sound while recording. Light flashes each time a photo is taken.
To Stop	Press the video button <b>2</b> again to stop recording.

When using the Time Lapse, an micro SD card with a Speed Class 10 Rating is required. To capture a time lapse series, verify the camera is in time lapse mode.

## Self Timer

To Start	Press and hold <b>5</b> , Menu > Photo Menu > Self time Select "OFF" / 3 / 5 / 10 / 30 / 60 second intervals
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The camera can be configured to automatically recording or take pictures.

## Default Settings

The camera powers up with the following default settings:

Video resolution 1080p @30fps

Photo resolution 14.0 Megapixels (MP)

Photo Burst SINGLE

WiFi ON

Display ON

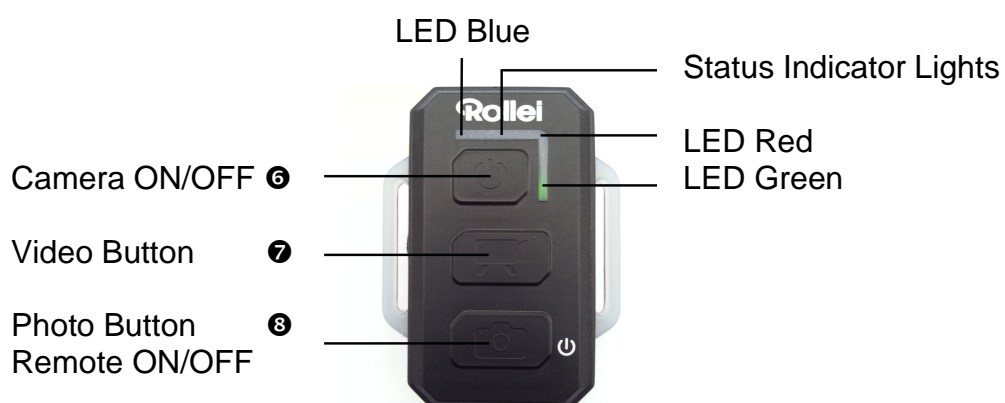
Date & time stamp OFF

## Remote Control

1. Power off the Camera, press and hold for 3 seconds the photo button ❸, the blue light will turn ON / OFF.



2. Press and hold the photo button ❸ for 3 seconds, the green light will turn ON.



Remote ON / OFF	Press and hold the photo button ❸ for 3 seconds
Camera ON / OFF	Press the power button ❹
Take a Picture	Press the photo button ❸
Take a Video	Press the video button ❷

\* Turn OFF both the camera & remote to shut down this function.

## Remote Status Indicator Lights

Green	Power ON
Red	Take a Picture
Blue	Take a Video
Red	Charging*

\* LED turns OFF when battery fully charged.



## TV Playback

You can playback your photos and videos on the camera, with a HDTV. Playback appears as a camera mode when camera is powered on and plugged into a HDTV. This HDMI port can transmit the images of this device to an external HDTV display equipment for playback, display, etc.

Plug the camera into a HDTV with the HDMI cable. Power ON.

Previews of all videos and photos on HDTV display.

Press upward button **3** and downward button **2** to select more media files.

## Play

To Play Videos	Press and hold the photo button <b>3</b> to play. Select video icon, press <b>1</b> for OK. Press photo and video button to select more media files. <b>5</b> = Delete
To Play Images	Press and hold the photo button <b>3</b> to play. Select image icon, press <b>1</b> for OK. Press photo and video button to select more media files. <b>5</b> = Delete
Logout Preview	Press and hold photo button <b>3</b> to back to standby mode. Press and hold the same button again to logout.

## USB Port

Connect the camera to the computer using included USB cable.

Storage	AC Charge
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Storage - connect with PC to transfer video and photo files.

### On a PC:

Double click "My Computer" and locate "Removable Disk".

If "Removable Disk" is not showing, close "My Computer" folder and reopen it. The "Removable Disk" icon should appear.

Double click "Removable Disk" icon.

Double click "DCIM" folder icon.

Double click "100media" icon to view all video / photo files.

Copy / move files to the computer or external hard drive.

### On a MAC:

Connect the camera to MAC using included USB cable.

Power on, select the "Mass Storage".

The MAC recognizes the camera as an external hard drive.

Double click icon for external drive to access files.

Copy / move files to computer or external hard drive.

\* When deleting files from the memory card, empty the trash before removing the memory card or unplugging the camera.

## LED Status Chart



LED Status	Red LED
Standby	ON
Taking Video	Flashing
Taking Photo	Flashing

LED Status	Blue LED
Standby	ON
Remote OFF	OFF

LED Status	Red LED
Charging	ON

## Camera Settings

Photo Size	20MP (16:9) 14MP 5MP
Self Timer	OFF / 3 / 5 / 10 / 30 / 60 Seconds
Burst Rate	OFF 3 photos in 1 second 5 photos in 1 second 10 photos in 1 second 10 photos in 2 seconds
Auto Shooting	OFF / 1 / 3 / 5 / 10 / 30 / 60 Seconds
Date Stamp	ON / OFF
Quality	High / Medium / Low

## Video Settings

Video Size	NTSC 1080i 1920x1080@60fps NTSC 1080p 1920x1080 @30fps NTSC 960p 1280x960 @30fps NTSC 720p 1280x720 @60fps NTSC 720p 1280x720 @30fps NTSC 480p 848x480 @60fps PAL 1080i 1920x1080 @50fps PAL 1080p 1920x1080 @25fps PAL 960p 1280x960 @25fps PAL 720p 1280x720 @50fps PAL 720p 1280x720 @25fps PAL 480p 848x480 @50fps
Quality	High / Medium / Low
Video Duration	5 Min. / 10 Min. / 15 Min. / 20 Min. / 30 Min.
Date Stamp	ON / OFF
* Dual Streams	ON / OFF
Time Lapse	OFF 1 frame per second 1 frame per 2 seconds 1 frame per 5 Seconds 1 frame per 10 Seconds 1 frame per 30 Seconds 1 frame per 60 Seconds
Motion Detection	OFF / High / Medium / Low
Loop Recording	ON / OFF (10 minutes / video file)
Mic Volume	OFF / 100 / 90 / 80 / 70 / 60 / 50 (Default 80)

\* The camera creates 2 video file while recording, first is the original file (FILE0001.mp4), the second is a small size VGA file (FILE0001.thm.mp4) which can be easier for streaming from camera to smartphones.

## Settings

Language	English / Deutsch / Espania / Italiano / Francais
* Date	YYYY-MM-DD
Time	HH:MM
Video System	PAL / NTSC
Auto Screen	OFF / 30 Seconds / 1 Min. / 3 Min. / 5 Min.
Auto Shutdown	OFF / 3 Min. / 5 Min. / 10 Min.
Image Rotation	OFF / 180°
Light Freq	50Hz / 60Hz
Metering	Multi / Center / Spot
ISO	Auto / 100 / 200 / 400 / 800 / 1600
White Balance	Auto / Incandescent / Daylight / Cloudy
# Color Setting	Rich (0-3 m) / Natural / Diving (3-15 m) / Deep Sea (15 meters and deeper)
EV	-2.0 -1.7 -1.3 -1.0 -0.7 -0.3 0.0 +0.3 +0.7 +1.0 +1.3 +1.7 +2.0
Buzzer	ON / OFF
# WiFi	ON / OFF
Format	SD Card
Default Setting	
Firmware Update	V 1.13

\* Ensure videos and photos files are saved with the correct date and time.

# When selected a new color setting and WiFi ON / OFF, the camera will need to be reboot automatically.

## Memory Card / Storage Chart

Compatible with 2GB, 4GB, 8GB, 16GB, 32GB and 64GB capacity micro SD, micro SDHC and micro SDXC memory cards. While all speed class ratings are compatible, it requires using an SD card with Speed Class Rating 10 or higher speed when recording, or when using the 1 fps time Lapse setting. We recommend using brand name memory cards for maximum reliability in high-vibration activities.

Mode	Resolve	4GB	8GB	16GB	32GB	64GB
Take a Picture	5M	3945	7800	15600	31200	62400
	14M	1450	2900	5800	11600	23200
	20M(16:9)	1440	2880	5760	11500	23000
Take a Video	1080i/60	45min	90min	180min	320min	640min
	1080p/30	50min	100min	200min	400min	800min
	960p/30	55min	110min	220min	440min	880min
	720p/60	60min	120min	240min	480min	960min
	720p/30	85min	170min	340min	680min	1360min
	480p/60	90min	180min	360min	720min	1440min

\* Work with class 6 or above.

## System Requirements

The camera is compatible with Microsoft® XP (Service Pack 2 or later) and Mac OS X 10.8.4 or later, Windows / Windows 7 / Windows 8 / Windows XP (Service Pack 2 or later) or Vista

32GHz Pentium 4 or faster

DirectX 9.0c or later

Minimum 1 GB of system RAM

Video card with minimum 256MB of RAM

## MAC

Mac OS® X 10.8,4 or later

2.0 GHz Intel Core Duo or faster

Minimum 1 GB of system RAM

Video card with minimum 128MB of RAM



## **Battery life**

Battery icon will alert for low battery status. If recording is occurring when battery reaches 0%, the camera will save the file and power OFF.

To charge the battery:

1. Connect the camera to a power source.
2. The red status indicator Light remains on while the battery is charging.
3. The red status indicator Light will turn OFF when the battery is fully charged.  
The battery will charge to 100% in 4 hours when using 500mAh USB-compatible AC wall charger. Other chargers may charge at only half this rate. No damage will occur to the camera or the battery it used together prior to full charge.

To remove the battery:

1. Remove the battery door by placing your thumb in the indentation in the battery door (on the back of the camera) and sliding it to the left,
2. Allow the door to pop out. Grasp the battery pull-tab and remove from the camera.

## **Preventing Water Damage To Your Camera**

1. Keep the rubber seal clean with fresh water and dry after every use.
2. After every use in salt water, please rinse the housing with fresh water.
3. Clean the seal, rinse in fresh water and shake dry.

\* Failure to follow these steps each time you use the camera can result in leaks that may damage or destroy your camera. Your warranty does not cover water damage resulting from user error.

## **Warning**

The warranty does not cover any damage that may occur during a sport activity. It is the users responsibility to secure the camera securely to any sport equipment.

## **TEMPERATURE WARNING**

The camera has become too hot and needs to cool down after used 2 hours (continuously recording). Simply let it sit and cool before attempting to use it again. Your camera will not allow itself to overheat-do not worry, no damage has occurred.