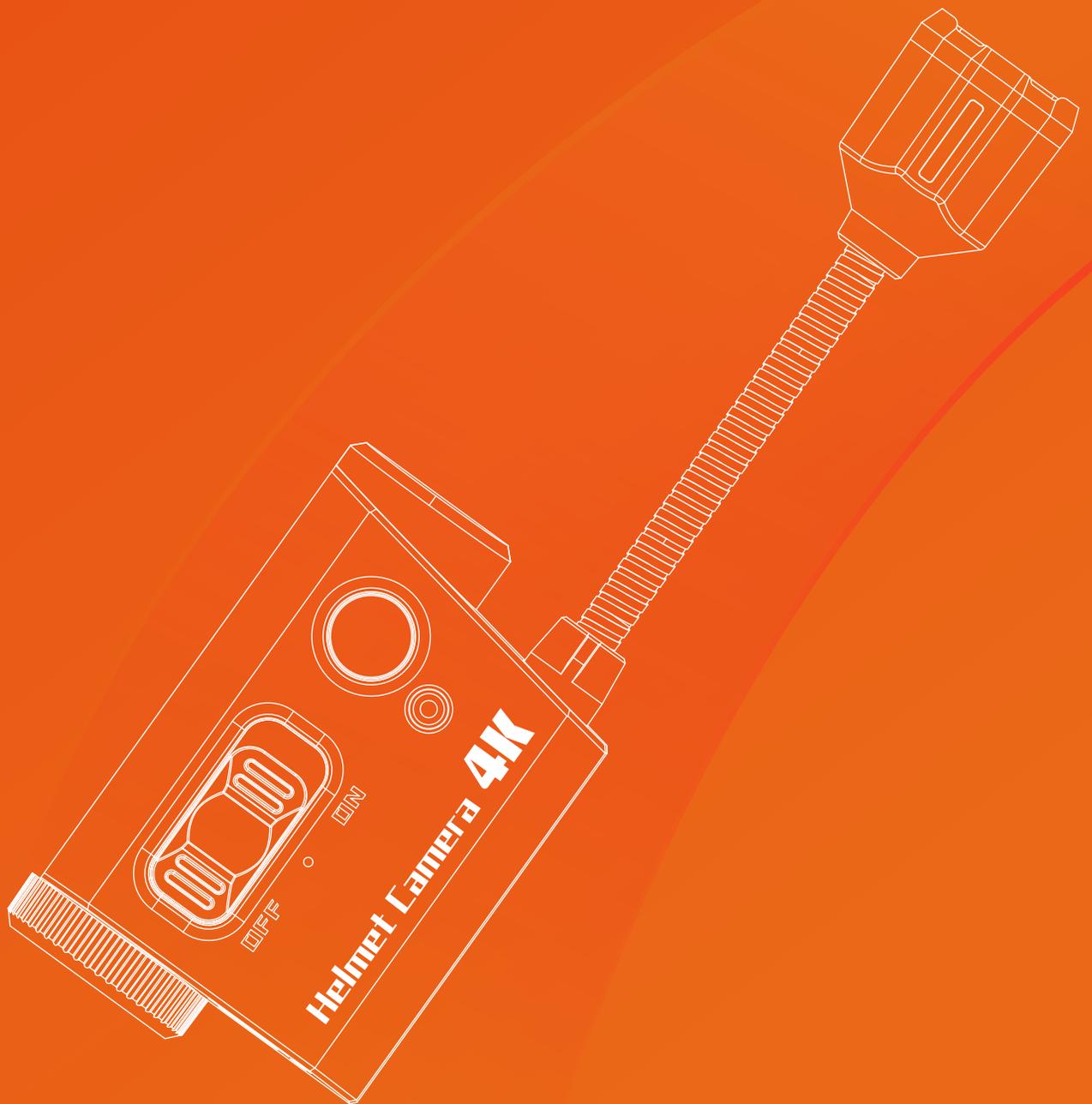


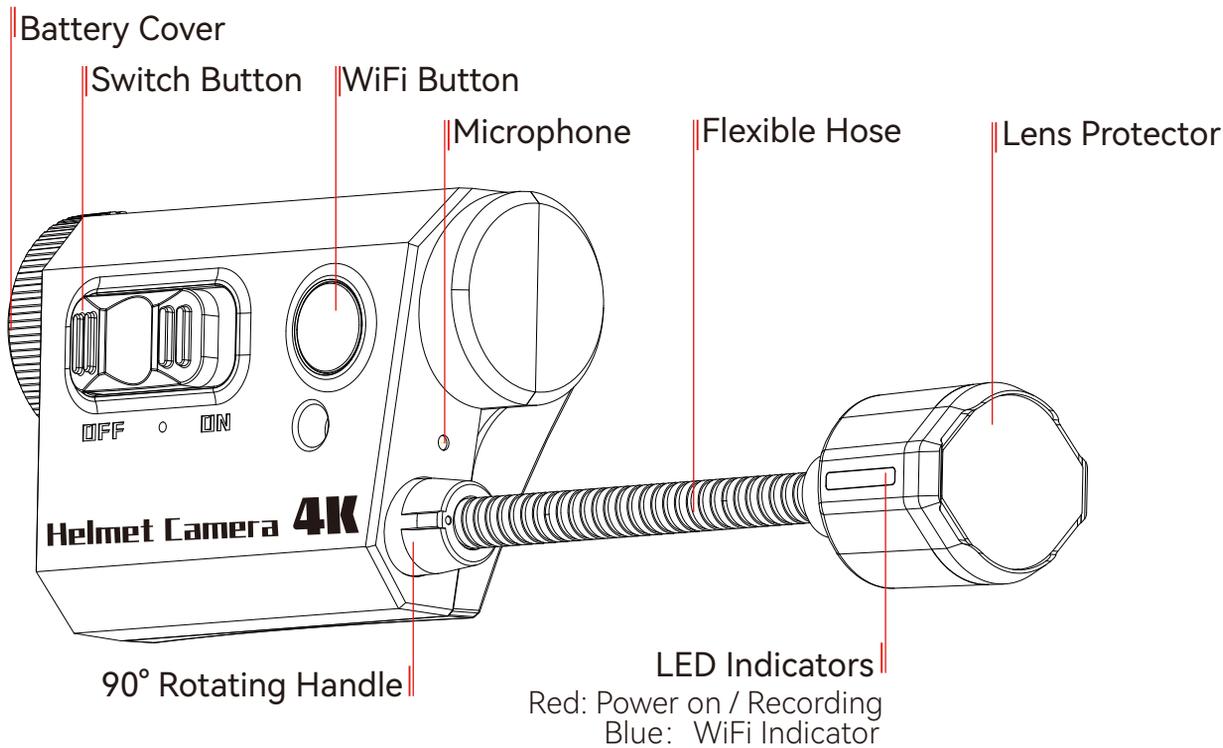
HelmetCam 4K



User Manual

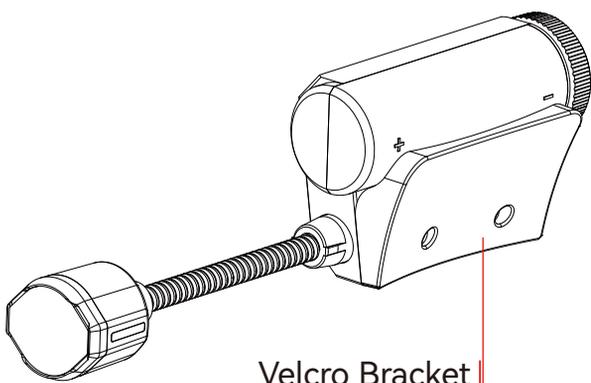


01/ Diagram

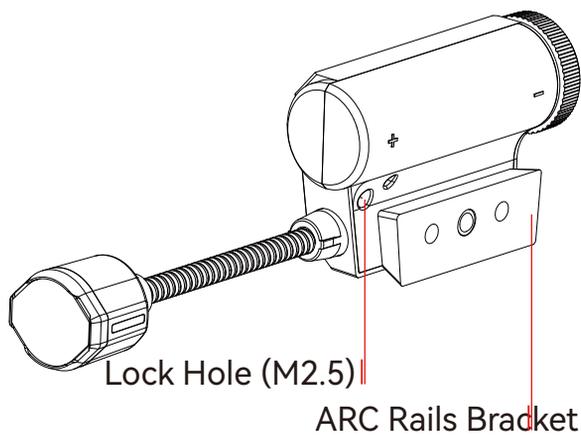


Bracket Installation

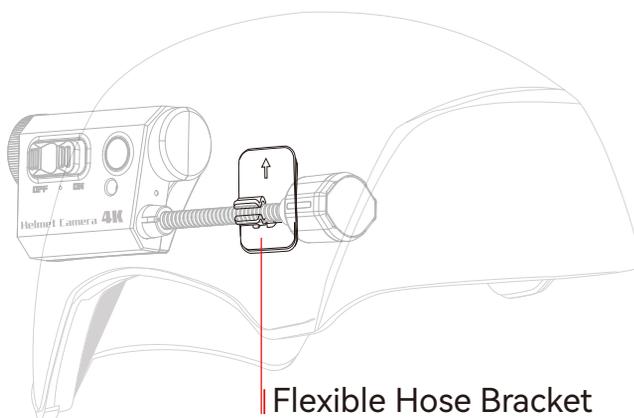
◆ Installation Method 1



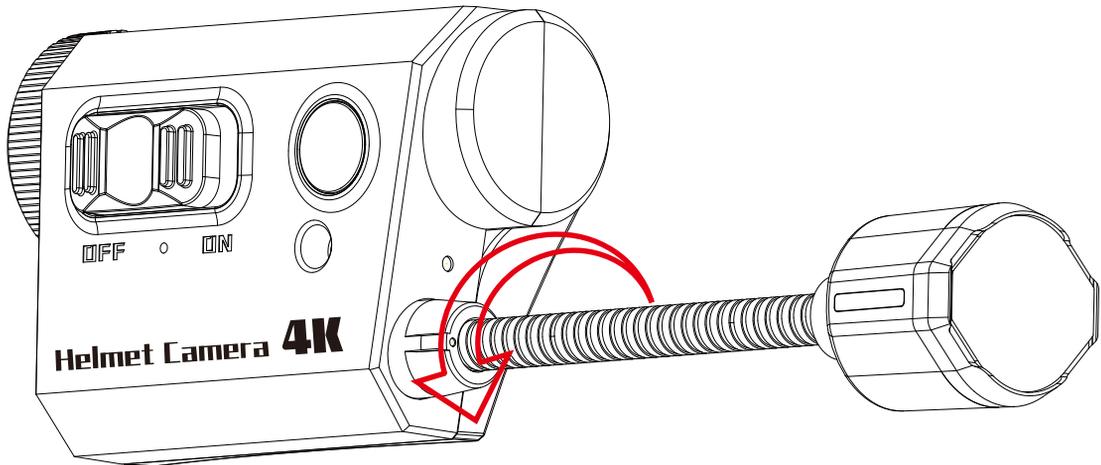
◆ Installation Method 2



◆ Hose Fixation



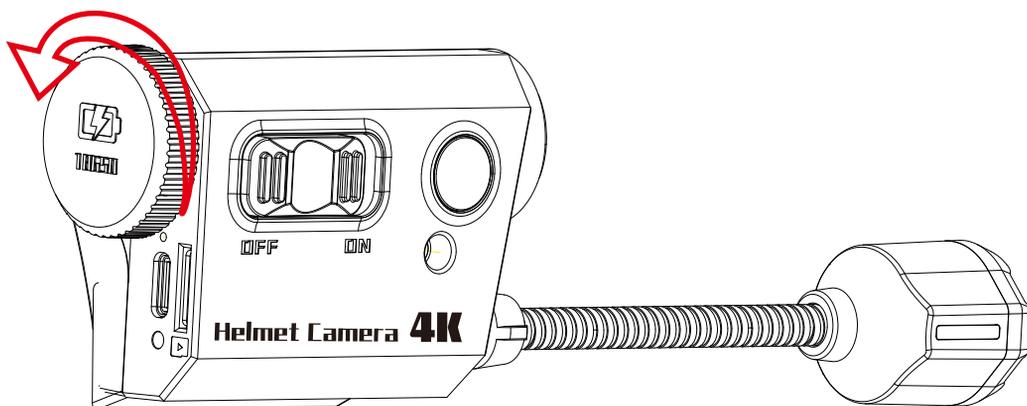
Camera Rotation



Can be twisted and rotated 90 degrees.

02/ Forced Shutdown

If the camera cannot be turned off, rotate the battery cover counterclockwise to force a shutdown.



03/ Camera Operations

Function	Operation
Power On/Off	<ul style="list-style-type: none">- Push the toggle up to power on. Red light stays on, camera vibrates.- Push the toggle down to power off. Lights off, camera vibrates.
Start/Stop Recording	<ul style="list-style-type: none">- Push the toggle up to start recording automatically. Red light flashes slowly, camera vibrates.- Push the toggle down to stop recording and power off. Camera vibrates.- Exiting WiFi starts recording automatically. Red light flashes.
Enable/Exit WiFi	<ul style="list-style-type: none">- Short press WiFi button to enable WiFi. Blue light flashes.- Short press WiFi button to enable WiFi. Blue light flashes.- WiFi exits automatically after 3 minutes of inactivity. Blue light off.
Low Battery Alert	<ul style="list-style-type: none">- When battery is low, vibrates every 15 seconds , powers off in 5 minutes.
Charging Status	<ul style="list-style-type: none">- Green light stays on while charging.- Green light turns off when fully charged.
Forced Shutdown	<ul style="list-style-type: none">- Rotate the battery cover to shut down if the camera is unresponsive.
Error States	<ul style="list-style-type: none">- SD card error (no card, full card, or slow card): Red light flashes rapidly.- WiFi activation failed: Blue light stays on for 1 second, then turns off.- Startup error: Lens not detected. Blue light flashes, vibrates 5 times, then powers off.

04/ MicroSD Card

Recommendations: Use a U3 microSD card. Supports up to 512GB.

Notes:

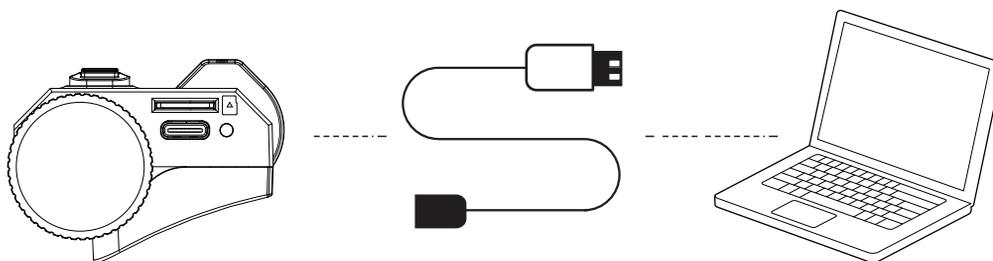
1. Handle with care, avoid liquids, dust, and debris. Power off the camera before inserting/removing the card. Follow the manufacturer's guidelines and use within the recommended temperature range.
2. If recording fails, format the card via a computer or RunCam APP.

05/ Connecting to a Computer

Connect via Type-C to be recognized as a USB drive.

Notes:

1. Ensure the microSD card is inserted for recognition.
2. If data can't be read, try a different Type-C cable or USB port.



06/ Firmware Upgrade

Update to the latest firmware for optimal performance.

Red and blue lights alternate; after 90 seconds, the camera vibrates 5 times and turns off, indicating completion.

For detailed instructions: [https://www.runcam.com/download/HelmetCam 4K](https://www.runcam.com/download/HelmetCam%204K)

07/ Mobile Application

Download “RunCam App” on GooglePlay (Android) or App Store (iOS).

08/ RunCam APP Connection

- 1.Power on the camera and press the WiFi button. The blue light will flash slowly.
- 2.Find "HelmetCam_4K_XXXXXX" in WiFi settings and enter password: 1234567890 on your phone.
3. Open the RunCam App, select HelmetCam 4K, and connect.

09/ Technical Support

For assistance, visit:<https://support.runcam.com/hc/en-us>

10/ Camera Specifications

Model	Helmet Camera 4K
Image Sensor	IMX415
Video Resolution	3840x2160@30fps 2704x1520@60fps 1920x1080@25/30/50/60fps
Lens	FOV: Diagonal: 138° / Horizontal: 115° / Vertical: 63°
ISO Sensitivity	Auto
Shutter	Auto
Recording Modes	Standard Recording, Loop Recording
Video Format	MP4
App Support	Android / iOS
Interface	Type-C
Operating Current	Max 600mA@DC 5V
Net Weight	118g (with battery)
Dimensions	169*28*50mm

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction