

# 4G Smart Helmet

user's manual

Model: EQ-M37

## Instructions for use

Thank you very much for using our products, if you have any questions or needs please feel free to contact us.

### Packing List:

1	cartoon box	*1
2	colour box packaging	*1
3	Smart Helmet	*1
4	interior decor	*1
5	data cable	*1
6	adapter (device)	*1
7	synopsis (of a play or film)	*1
8	TF card (standard: 32G)	*1 (optional)
9	batteries	*1
10	SIM card	*1 (optional)

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## Product Description:

This is the smart helmet product with industrial-grade high-definition camera and 4G/WIFI network.

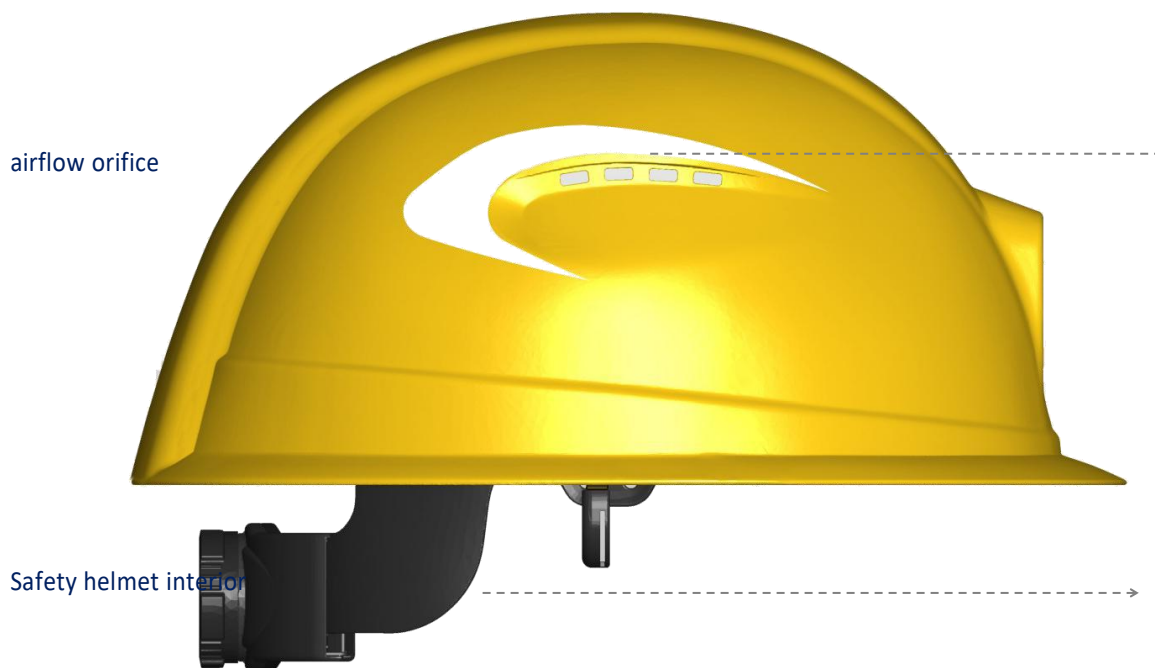
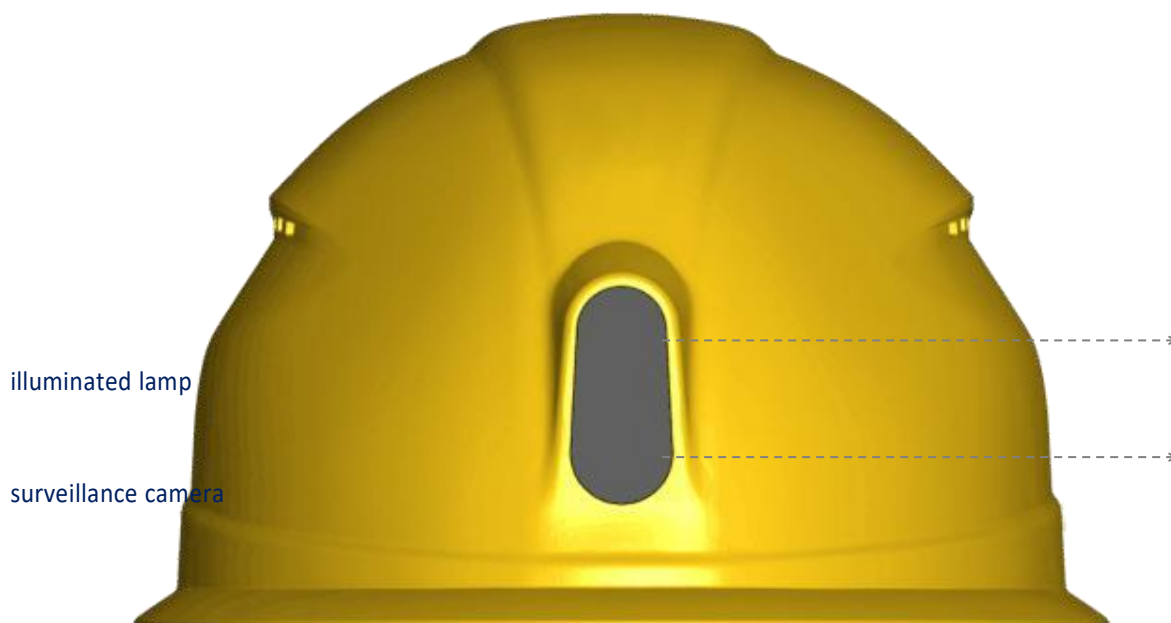
With our system management software ("web client, Mobile App").

it can realise real-time voice and video call, real-time video monitoring, real-time voice intercom, GPS positioning, electronic fence, height detection, near power detection, SOS alarm, and so on. Height Detection, Near Power Detection, SOS Alarm, Fall Alarm, Impact Alarm, Hat Off Alarm, Silent Alarm, High Temperature Alarm, Remote Guidance and Visualisation Management Requirements.

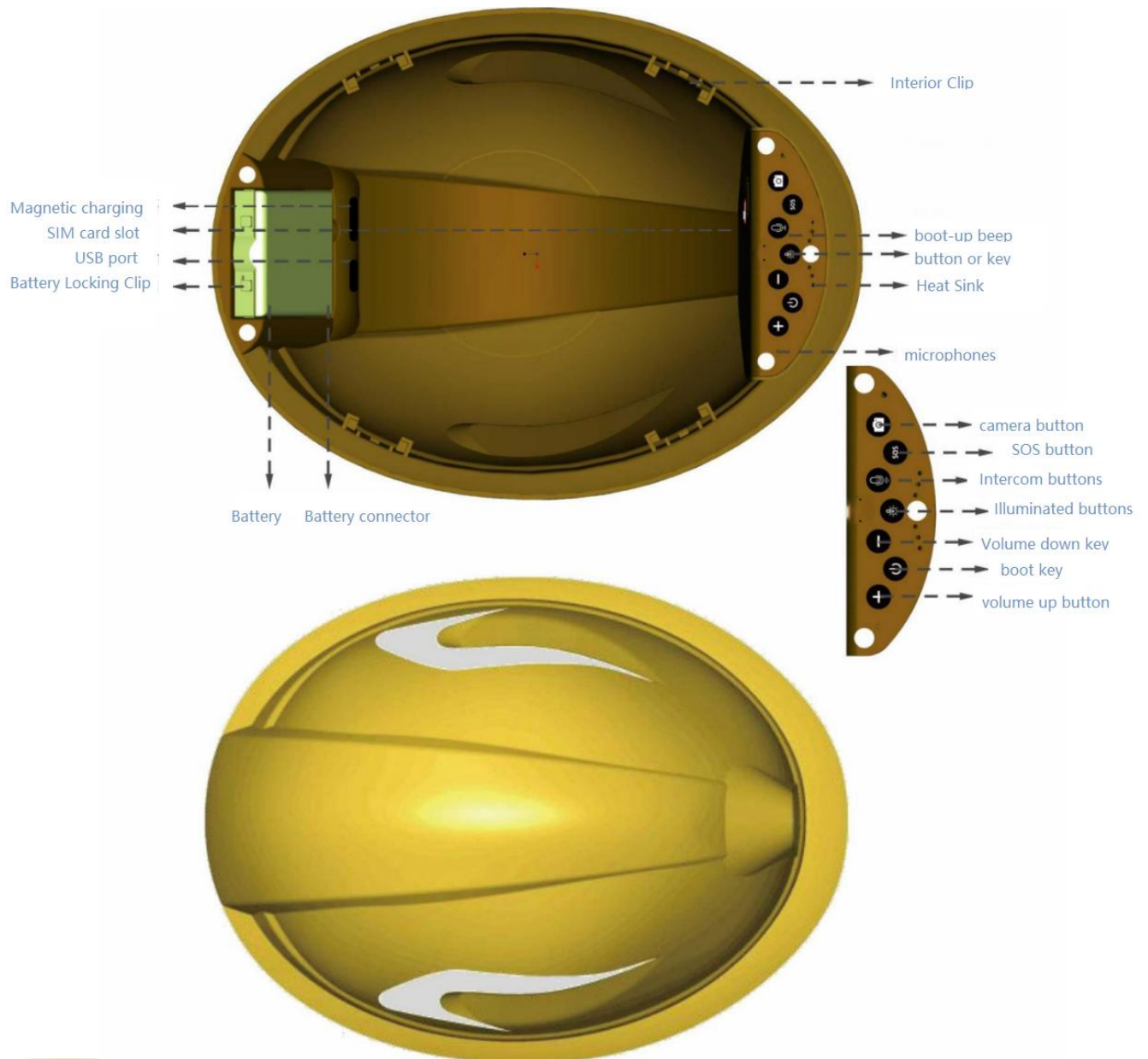
## Smart Helmet











## Product Appearance:



## Product Appearance:



## ■ Instructions for use:

Name	Icon	Action	Description
On/Off		--	Default Auto Record and Cycle Auto Overwrite
		long press	Long press to switch on while power is off (3 seconds)
		long press	Long press to switch off (3 sec.) in power-on state
intercom		long press	Press and hold (1 sec.) to record at power on, release to send
Photo		short press	Short press to take a picture while the camera is on
SOS		short press	Short press for help/long press to check battery level in power-on state (in case of net)
Light		short press	Short press to switch on or off the light when it is switched on
volume up		Short/Long Press	Short/long press for volume increase in power-on state
volume down		Short/Long Press	Short/long press for volume reduction in power-on state
SIM card slot		--	Follow the icon to open the card lets insert the SIM card, install the cover will slot to install the screws.
USB interface		--	In the power-on state, connecting the computer with the data cable can be used for data transfer and charging.
		--	Can be charged when switched off and connected with a data cable
power indicator	o	Red	Rapidly flashing red light when the helmet is just switched on
		green	Rapidly flashing blue light when it's switching on
		blue	Blue light blinks slowly when fully switched on
Charging Indicator	o	Red	Red display when charging
		green	Fully charged with green display
Reset	Reset	long press	Long press to restart the helmet in a dead state (3 seconds)

## ■ Parameter Description:

typology	Description
material	ABS material;
protection class	IP66
colour	White, Red, Blue, Yellow Can be customised according to customer requirements (designed in accordance with GB/T2811-2007 standard).
sizes	301.8*228.2*149mm (L*W*H) Meet the relevant provisions of GB/T2811-2007 standard on safety helmet size.
weights	≤ 680g (including standard interior and electronics) Satisfy the relevant provisions of the GB/T2811-2007 standard on the weight of helmets.
surveillance camera	2M industrial camera, 120° ultra-wide angle, video call, 720P resolution
batteries	5000mAh, Removable Li-Polymer Battery
Speaker	One speaker
headphone	support
microphone	double microphone
indicator light	Power indicator (charging indicator; power indicator)
illuminated lamp	Support (built-in)
laser light	unsupported
Buttons	POWER ON/OFF; Intercom button; Photo button; SOS button; Volume up/down button; Illuminated LED button; Reset button
frequency band	LTE-FDD band B1/B3/B7/B8 LTE-TDD band B38/B39/B40/B41 WCDMA band B1/B2/B5/B8 TD-SCDMA band B34/B39 EVDO/CDMA band BC0 GSM Band 850/900/1800/1900MHz
GPS	Support (GPS+Beidou)
Bluetooth	Bluetooth 5.0
Sensor	Supports (Gyro Sensor; Light Sensor; Distance Sensor; Proximity Sensor; Altitude Detection Sensor; Health Monitoring Sensor) (Hazardous gas detection sensors)
WIFI	Support (a/b/g/n support)
SIM CARD TF CARD	Support (NANO card, plug-in SIM card holder) Support (32G memory card, up to 256G)
Micro USB	Micro USB 5pin for charging and data transfer
Operating system	Andriod version 10.0



## ■ Feature Description:

<b>video-to-voice</b>	Support (real-time video voice calls over WIFI or 4G networks)
<b>real time monitoring</b>	Support (real-time 720P HD monitoring)
<b>voice prompts</b>	Support (key section with voice prompts)
<b>Temperature Alarm</b>	Support (alarm sound alerts when the internal temperature of the helmet is higher than the set temperature parameter)
<b>Impact Alarm</b>	Support (alarm sound alerts when the helmet is struck by an external force)
<b>SOS</b>	Support (when a staff member is in danger, he can press the SOS button on the helmet for help, the helmet will send out an alarm sound signal to remind, at the same time, the signal will be fed back to the system to notify the headquarters)
<b>silent alarm</b>	Support (when the employee helmet is not moving between 5-10 minutes, an alarm will be issued to remind the sound signal) silent alarm time can be set according to different customer application scenarios for different time parameters)
<b>Hat off alarm</b>	Support (when the helmet is removed from the employee's head between 5-10 seconds, an alarm signal will be issued to remind the employee) The alarm time for the removal of the helmet can be set according to the specifications of different customers for different time parameters.
<b>real-time positioning</b>	Support (helmet reports current location information to the system every 10 seconds)
<b>local storage</b>	Support (helmet configuration 32G built-in memory card "can support 64G, 128G memory card", support for recording 720P & 480P HD video, the highest save video within 48 hours, video cycle recording, memory is not enough will automatically overwrite the previous video)
<b>Video Export</b>	Support (quick export of recorded video to PC via helmet USB port)
<b>Convenient Charging</b>	Support (Helmet batteries can be removed for charging or placed on the helmet and charged together.)

## **Software Description:**

### **I. Introduction to the software**

This product's web-based management software and Android monitoring terminal APP are links to the smart helmet management software.

APP for Android Personal Edition is the software for managing the helmet system.

### **II. Software download and instructions for use**



**APP for Android Personal Version Download QR Code**

## ■ Precautions and customer service:

### Notes:

1. This product should not be rinsed with water, only wiped.
2. This product is strictly prohibited to be placed in the place with acid, alkali, high temperature, sunshine, humidity or chemical reagents, so as not to Aging, deterioration.
3. It is strictly prohibited to punch holes in this helmet, dismantle parts privately, change any structure of the helmet at will, collide the helmet at will, use the helmet as a utensil, or sit on the helmet as a bench.
4. If the cap shell, interior is aged or damaged, it must not continue to be used and needs to be replaced with a new cap.

### Product Warranty Terms:

Product customer service is strictly based on the "Law of the People's Republic of China on the Protection of Consumer Rights and Interests", "Law of the People's Republic of China on Product Quality" to implement the customer three packages of services, services are as follows:

1. Within 7 days from the next day after you sign for the product, the product performance failure, by the company's customer service centre testing to determine, you can enjoy free return or exchange service.
2. Within 8-15 days from the next day after you sign for the product, the product performance failure, by the company's customer service centre testing to determine, free of charge replacement or repair services.
3. Within 12 months from the next day after you sign for the product, the product performance failure, by the company's customer service centre testing to determine, you can enjoy free maintenance services.

### **Non-warranty regulations:**

1. Unauthorized servicing, misuse, collision, neglect, abuse, ingestion of fluids, accidents, alterations, incorrect use of accessories other than those supplied with the product, or removal or alteration of labels or security markings.
2. The expiry date of the 3-pack has been exceeded.
3. Damage due to force majeure.
4. Human-caused performance failures of this product and its accessories.