

## 4G Body worn camera Product description



## 1. Product introduction

SOP-18 is a 4G intelligent law enforcement recorder developed by SHOOP. SOP-18 has the characteristics of full Netcom such as 4G / Wifi / AP private network. It is equipped with iVS-100 visual integrated management platform and can realize remote live broadcast and cluster pair Speaking, real-time positioning, wireless image transmission and other functions.

SOP-18 uses Android operating system, high-performance 8-core processor, equipped with 3.1-inch touch screen, a total of three cameras on the front and back, dual video buttons on the front and side of the fuselage, with the advantages of smooth operation, safety and stability, fast operation.



### Appearance

MTK 8-core processor	Android8.1 Intelligent operating system	3.1 inch IPS touch screen.	iVS-100 the system platform
Front and rear totally 3 cameras	IP68 Two-color mold process	8 h continuous shooting 4G continuous shooting for 5 h	NFC ID reading

## 2. Functional advantages

1. **Android system:** 8-core MTK high-speed processor, Android8.1 intelligent operating system;
2. **Touch screen:** equipped with 3.1-inch narrow border IPS HD multi-point capacitive touch screen;
3. **Custom lens:** 3 cameras in total, front and back, HD non-destructive shooting at any angle;
4. **Infrared night vision:** the light sensor automatically switches the infrared mode, and the contour is clear within 15 meters;
5. **Full Netcom:** 4G signal, Wifi signal, AP private network, etc .;
6. **Gravity sensing:** After the law enforcement instrument is hit or hit the ground, it can trigger the acceleration sensor to start automatic recording;
7. **Satellite positioning:** Built-in GPS / BeiDou / GLONASS, real-time positioning can be viewed after the platform is equipped, and it has functions such as electronic fences and track query;
8. **Software platform:** equipped with iVS-100 visual intelligent management platform, and can achieve more functions through 4G platform:
9. **Live video:** The system background can directly access the real-time picture of the law enforcement instrument, which is conducive to the command center to grasp the dynamics ahead;
10. **File wireless upload:** data can be uploaded to the server remotely via network signals;
11. **Cluster intercom:** Establish single-person / group voice intercom, real-time transmission, and strengthen command scheduling;
12. **Phone APP direct connection:** Connect to law enforcement instrument through smart terminals such as mobile phones and tablets;
13. **Face recognition / license plate recognition;**
14. **Management functions:** attendance management, system log, big data analysis, equipment management, user management, remote upgrade, etc .;
15. **System compatibility:** Web-side applications, PC-side applications, Android / iOS applications, etc .;
16. **Battery:** 3000mAh rechargeable lithium battery, single battery charging  $\cong$  2 hours, single battery can continuously shoot for 8 hours, turn on 4G video for more than 5 hours, keep power on within 3 minutes when changing the battery, ensure the integrity of the certification, and fly with full power Mode standby up to 1000 hours;
17. **Dedicated base:** equipped with a dedicated charging base, which can upload data while charging;
18. **Protection:** Two-color mold process, IP68 level, waterproof and dustproof, 30 times of any 6 sides drop within 2 meters without damage;
19. **External devices:** Support for more devices such as external cameras, intercom headset lines, and more.

### 3. Product parameters

<b>Basic configuration</b>	
<b>Main chip</b>	MTK MT6762 8-core processor 2.0GHZ
<b>Operating system</b>	Android 8.1 Intelligent operating system
<b>Lens module</b>	Front FF camera: OV4689 FOV: 164 degree, F/NO=2.5 Front camera: Sony 13M Rear FF camera: Gekewei 5M Horizontal 50 degrees
<b>Memory</b>	2+16GB Standard
<b>Display / touch screen</b>	3.1 inch IPS screen 480 (RGB) *800, Narrow border + ON CELL multi-touch screen
<b>Horn</b>	18*13mm 1.5W Waterproof speaker
<b>Microphone</b>	Dual Micphone, With active noise reduction
<b>Auxiliary light source</b>	4 infrared lights, 1 white light, 1 laser light
<b>Light sensor</b>	Standard configuration for controlling automatic on and off of infrared light
<b>Motion sensor</b>	Acceleration sensor (standard), gyroscope support (optional)
<b>Storage card</b>	Built-in TF card, up to 128GB
<b>Wifi</b>	Support 802.11b/g protocol, 2.4GHz+5GHz
<b>Bluetooth/NFC</b>	Built-in Bluetooth 4.1, standard NFC, can read ID information
<b>Positioning</b>	Built-in GLONASS/GPS Combined positioning+AGPS, Support BEIDOU/Galileo
<b>Interface</b>	MiniUSB, 3.5mm Standard headphone interface, can be connected to external camera, intercom headphone cable, etc.
<b>Function parameter</b>	
<b>Video resolution</b>	1920*1080/30FPS, 1080*720/30FPS, 1080*720/60FPS, 640*480/30FPS
<b>Photo size</b>	4M, 8M, 16M, 32M
<b>Infrared night vision</b>	Infrared light can cover 70% of the effective area within a viewing angle of 3 meters, and the viewing distance is 15 meters

<b>Video function</b>	Support 10-second pre-recording, support video capture
<b>Camera function</b>	Support continuous shooting, automatic white balance, 4x digital zoom
<b>Distortion correction</b>	Horizontal and vertical correction, less than 10% distortion
<b>Native playback</b>	Support local playback, can adjust the progress bar to play through touch screen
<b>Focus mark</b>	Marks documents recorded by law enforcement equipment
<b>Overlay information</b>	Equipment serial number + police information, year, month, day, hour, minute, second, location information
<b>Motion Detection</b>	In the standby state, when an object enters the shooting range of the law enforcement recorder, the recording function is automatically turned on. When the object leaves the shooting range of the law enforcement recorder, the recording function is ended and the video file is saved
<b>Face detection</b>	Optional
<b>Battery</b>	
<b>Battery</b>	Replaceable high-voltage battery: 3000mAh
<b>Charging method</b>	Adapter / PC-USB auxiliary charging / car USB with fast charging function, 5V / 2A charging
<b>Built-in battery</b>	Built-in 75mAh small battery, 3 minutes of continuous power when replacing the battery
<b>Shooting time</b>	The default resolution of a single battery can be continuous shooting for more than 8 hours, when 4G is turned on, continuous shooting can be performed for more than 5 hours, the flight mode can stand by 1000H, and charging $\cong$ 2 hours
<b>Energy saving mode</b>	Automatically turn off the screen and enter power saving mode within 3 minutes
<b>Structure appearance</b>	
<b>Appearance craft</b>	Two-color mold process, soft rubber keys, with limit button
<b>Appearance specifications</b>	Size: 91mm*58mm*66.2mm, Weight: 160g
<b>Protection class</b>	IP68, Cumulative drop 30 times on any 6 sides within 2 meters without damage
<b>working environment</b>	Temperature: -30~55℃, Relative humidity: 40%~80%
<b>Storage environment</b>	Temperature: -40~60℃, Relative humidity: 93% (40℃)

**4. Shipping list**

No.	Product name	quantity	Unit	Note
1	SOP-18 Body worn camera	1	pcs	
2	adapter 5V/2A	1	pcs	
3	Dedicated charging base	1	pcs	
4	Removable battery	1	pcs	
5	Data line	1	pcs	
6	Shoulder clip	1	pcs	
7	User's manual	1	unit	
8	Certificate of conformity	1	pcs	
9	Warranty Card	1	pcs	
10	Packing box	1	set	

**Friendly reminders**

As the product version is updated continuously, if the above content is different from the actual product, please refer to the actual product, this information is for reference only