



SENTINEL SECURITY SYSTEM LLC



SBC-1074G

H.265 WIFI & GPS BODY WORN CAMERA



Vision in Mobility



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Made In USA

**AES256 Video
Encryption**



**80MP resolution
image shooting**

**IP68 Waterproof,
2.5m drop test**

**Up to 15hr
recording time**

Live remote video/audio streaming via WiFi
Video Record resolution **2688x1512 (1512P)**

AES256 Video encryption, Safe Mode

H.265/H.264 Compression
80MP resolution image shooting

2" screen Full HD LCD
IP68 Waterproof, 2.5m drop test
10 meters IR Night Vision
170° FoV, 5MP Sensor
15hr record at 1080P

SBC-1074G

01 LIVE REMOTE VIDEO/AUDIO STREAMING

Remote live view/monitoring in Wi-Fi network CMS: hierarchical management and authorization authentication, parameter calibration, upload, cancel and query the stored files, automatic data import and etc.

02 GLOBAL POSITIONING SYSTEM

Receive satellite data and upload the position information to the command center in real time through the built-in communication module.

03 INFRARED NIGHT VISION

The outline of the human body can be seen in 10m effective distance. The characters in the picture of the facial features can be recognized in the effective 3~5m shooting distance.

04 ABNORMAL ALARM

Alarm activation when battery under pressure, storage over, o w. After the battery voltage alarm triggered, the remaining battery capacity can ensure the normal recording not less than 5min to max. 30min.

05 BROWSE, RETRIEVE AND PLAYBACK

The video and audio, photo and other information saved in the device can be browsed, retrieved and replayed according to the time. Recorded video, audio, photos, internal time, memory capacity, user information and use of personal information can all be uploaded.

06 CHARACTER SUPERIMPOSING

Information can be automatically overlay in the recorded video and the pictures, for example, time, date, user number, GPS location information.

07 LOG RECORDING

The device can record the running status and operation information, such as the on / off time, video time, recording time and photographic operation information. Log reading and cleaning can only be done through the host computer system management software.

08 DATA INTEGRITY

The device can store the data and protect stored data, stored data is not removed or covered by this machine or unauthorized host computer. Support video encryption that requires password authentication.



1512P/25fps | GPS, WIFI | H.265 & H.264 | 10m night vision

SBC-1074G is the high-end H.265 Wi-Fi & GPS Body Worn Camera tailor-made for law enforcement application. Adopting the latest Smart HEVC technology, **SBC-1074G** can achieve the 1512/25fps live view in 4G network but save high-volume bit rate (50% of H.264).

SBC-1074G also features 170° angle view with distortion correction, 1512P realtime video recording, video encryption AES256 bit, 80MP photo resolution, 2.0" Full HD display, 10 meter IR night vision, long recording time (15hr), large storage capacity (256GB) and GPS/WIFI function. The SOS alarm and 2-way audio allow immediate emergency report to back-office center.

Key Features

- WiFi & GPS body Worn Camera
- Live remote video/audio streaming
- **H.265/H.264** Compression
- **170°** field of view
- **IP68** waterproof and dust-proof
- 3D Motion compensated noise reduction
- 2.0" Full HD LCD
- **80MP** resolution image shooting
- 10 meters IR night vision
- Video Record resolution **1512P**
- **15hr recording** time at 1080p/25fps
- Two-way audio for the device & CMS
- **AES256** Video Encryption, Safe Mode
- Watermark, QR code binding
- Peer-assistant recording

Technical Specifications

System

Chipset	Ambarella S5L
System	Linux 4.9.110
Booting time	< 6 Seconds (From power on to recording)
Language	English / Vietnamese
Screen	2 inch Full HD LCD screen

Photo

Sensor	1/3" Color CMOS sensor (OS05A10), 5MP
Viewing Angle	127° (HOV) / 170° (FOV) / 67.5° (VOV)
Output pixel	4/16/64/80 Mega pixels
photo resolution	1920x1080 - 8640x4752
Photoshoot	Snap during recording (resolution based on record)
Digital Zoom	8X digital zoom

Audio/video

Audio input	1x MIC input, support intercom connection with USB
Audio record	Support audio only recording, one key switch between Audio and Video record mode
External audio interface	2.5mm jack for headphone, microphone and PTT
Compression	standard PCM format MP3
Video Record	2688x1512,2560x1440,1920x1080
Video Transmission	2688x1512,2560x1440,1920x1080 for WiFi live view
Video format	H.264(MP/HP Level 5.1)/H.265(MP Level 5.0)
Frame rate	1512p/25fps, 1440p/30fps, 1080p/30fps
Recording format	MP4/MOV
Pre-record	On/Off
Post-record	60s/30s/20s/10s/Off
Storage	Built in 64GB TF card

Night Vision

IR	Up to 10 Meters at 0 lux with Visible shape image
Flash light	To increase brightness when record or take a photo
Laser	Auxiliary locking imaging center or laser marking

Network

Protocol	TCP/IP, RTSP, RTMP, GB/28181
wifi	Support WIFI Client and AP mode
Bluetooth	Support Bluetooth 4.0
8ho	Built-in GPS. Support GPS/GLONASS
Firmware	
On Screen Display	Date, time, device ID, officer ID, location, speed
Overwrite	Can be enabled or disabled
Image stabilization	Electronic Image Stabilization (EIS)
Adjust image distortion	On/Off
Face Recognition	Face recognition day & night (with IR) with storage list (optional)
Plate Number Recognition	Supported when there is a storage list (optional)
Cluster intercom	Support paired call, Cluster call
Intercom with platform	Support intercom server and terminal devices
Alam SOS	SOS key press will be notified on the platform
Password Authorization	Support
Encryption	AES256 encryption and password

Other

Time	synchronize date and time with GPS, internet, PC
Light Indicator	Light indicators for charging, video recording, photo, audio recording. Vibrating for video recording, photo and audio recording
Cradle	Charging and USB data transfer
Battery capacity	Built-in 4200mAh battery
Battery Life	15 hours of continuous recording @1920x1080
Charging time	3 hours
Operating Temperature	-40~+60°C
Waterproof	IP68, IK09, MIL-STD-810G
Drop Test	Shock & corrosion protection, 2.5m drop test
Size	83.2*54.8*29.8mm
Wight	145g (only device body)