

SBC-1074G

H.265 WIFI & GPS BODY WORN CAMERA



Vision in Mobility

AES256 Video Encryption

Live Streaming via WiFi

H.265/H.264 Compressions



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

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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 overflow. 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.

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H.265 Wi-Fi & GPS Body Worn Camera

www.sentinelssystemllc.com



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		Network	
Chipset	Ambarella S5L	Protocol	TCP/IP, RTSP, RTMP, GB/28181
System	Linux 4.9.110	wifi	Support WIFI Client and AP mode
Booting time	< 6 Seconds (From power on to recording)	Bluetooth	Support Bluetooth 4.0
Language	English / Vietnamese	8ho	Built-in GPS. Support GPS/GLONASS
Screen	2 inch Full HD LCD screen	Firmware	
Photo		On Screen Display	Date, time, device ID, officer ID, location, speed
Sensor	1/3" Color CMOS sensor (OS05A10), 5MP	Overwrite	Can be enabled or disabled
Viewing Angle	127° (HOV) / 170° (FOV) / 67.5° (VOV)	Image stabilization	Electronic Image Stabilization (EIS)
Output pixel	4/16/64/80 Mega pixels	Adjust image distortion	On/Off
photo resolution	1920x1080 - 8640x4752	Face Recognition	Face recognition day & night (with IR) with storage list (optional)
Photoshoot	Snap during recording (resolution based on record)	Plate Number Recognition	Supported when there is a storage list (optional)
Digital Zoom	8X digital zoom	Cluster intercom	Support paired call, Cluster call
Audio/video		Intercom with platform	Support intercom server and terminal devices
Audio input	1x MIC input, support intercom connection with USB	Alarm SOS	SOS key press will be notificated on the platform
Audio record	Support audio only recording, one key switch between Audio and Video record mode	Password Authorization	Support
External audio interface	2.5mm jack for headphone, microphone and PTT	Encryption	AES256 encryption and password
Compression	standard PCM format MP3	Other	
Video Record	2688x1512,2560x1440,1920x1080	Time	synchronize date and time with GPS, internet, PC
Video Transmission	2688x1512,2560x1440,1920x1080 for WiFi live view	Light Indicator	Light indicators for charging, video recording, photo, audio recording. Vibrating for video recording, photo and audio recording
Video format	H.264(MP/HP Level 5.1)/H.265(MP Level 5.0)	Cradle	Charging and USB data transfer
Frame rate	1512p/25fps, 1440p/30fps, 1080p/30fps	Battery capacity	Built-in 4200mAh battery
Recording format	MP4/MOV	Battery Life	15 hours of continuous recording @1920x1080
Pre-record	On/Off	Charging time	3 hours
Post-record	60s/30s/20s/10s/Off	Operating Temperature	-40~+60℃
Storage	Built in 64GB TF card	Waterproof	IP68, IK09, MIL-STD-810G
Night Vision		Drop Test	Shock & corrosion protection, 2.5m drop test
IR	Up to 10 Meters at 0 lux with Visible shape image	Size	83.2*54.8*29.8mm
Flash light	To increase brightness when record or take a photo	Wight	145g (only device body)
Laser	Auxiliary locking imaging center or laser marking		