A8MPS8E-4G

4G Body-Worn Camera



Model Number	A8MPS8E-4G
Basic Information	
Processor	8-core 2.0GHz high-speed low-power processor
Operating System	Android 12
Screen	2.8-inch multi-touch screen, 480640
Standard Battery Capacity	3050mAh
Charging Time	3hours
Continuous Recording Time	Approx. 8hours
Standby Time	>300 hours without APP (subject to APP usage)
Image Stabilization	Mechanical image stabilization optional
Video Format	MP4
Encoding Format	H.264/H.265
Video Resolution	Up to 2K (25601440) @30FPS
Photo Format	JPEG
Speaker	2W
Onboard Memory	Standard 2GB+16GB, expandable up to 512GB

Rear Secondary Camera (AF)	N/A by default, 12MP optional
Front Screen Camera	2MP
Rear Main Camera	4MP by default, 13MP mechanical anti-shake lens optional
Max Capture Resolution	Up to 54MP
Noise Reduction Module	Supported
Lighting	
Laser Light	N/A
Warning Light	Red & blue alarm light
Infrared Light	Available
White Fill Light	Available
Interfaces	
USB Port	USB 2.0
Charging Port	Type-C
Headset Port	Type-C
G-sensor	Supported
Vibration Motor	Supported
External Camera	Supported
Charging Dock	Supported
Charging Solution	Detachable-battery device + dock charging
Power Adapter	5V-2A
Data Functions	
Sim/TF Card Slot	Dual-SIM + Dual-TF (with encryption function)
WIFI	WIFI5.8 a/b/g/n/ac
Bluetooth/433	BT5.0 (BR/EDR + BLE); supports Bluetooth remote control, Bluetooth audio, Bluetooth tag positioning, etc.
Positioning	Multi-mode GNSS (GLONASS+GPS+Galileo+Compass), BeiDou-only optional
Compass	Supported
Barometric Pressure Sensor	Supported
Temperature Sensor	Supported
Ambient Light Sensor	Supported
NFC	Optional
Encryption Card	Supported
Other Network Functions	
Video Intercom	Supports one-way / two-way video intercom between body-worn camera and platform, as well as peer-to-peer one-way / two-way video intercom (requires integration of third-party software SDK).
Trunked Group Voice	Supports group intercom and peer-to-peer voice intercom.
Voice Broadcast	TTS voice broadcast supported.
On-screen Text Overlay	Supports overlay of time, device ID, officer ID, location and speed information; Chinese characters supported.
Platform Integration	Compatible with JT/T808, GB/T28181, RTMP, RTSP, ONVIF and other mainstream protocols for audio-video streaming, intercom, positioning and device information uploading.

Basic Device Functions	
Video Post-Event Recording	Supported
Video Pre-recording	Supported
USB Disk Mode	Driver mode: Enter removable-disk mode via PC client software after computer connection. Driver-free mode: Directly enter removable-disk mode after computer connection. Two modes are optional.
Hot-swap Battery Recording	The device keeps normal recording when main battery is removed during operation.
Key File Marking	Press designated key to mark important video files during recording.
Menu Languages	Supports Chinese, English, Russian, Portuguese, Thai, Kazakh, French, Mongolian and many other languages, with custom language options available.
Continuous Shooting	Supports burst shooting of more than 10 photos at one time.
Impact Alarm	Built-in G-sensor enables automatic recording and alarm triggered by drops or collisions; backend linkage available with 4G function.
Supported	Supported
Video Encryption	Supports AES256-SHA1-SHA2 encryption
Night Vision	Supports automatic / manual night-vision switching with high-power infrared lights.
Fill Light	White-LED auxiliary lighting for dark-environment shooting.
Data Access Rights Management	Multi-level permission control is adopted. Basic permission only allows playback of videos, photos and audio; deletion and modification of sensitive device settings are prohibited. Password verification is required for local sensitive configuration. File copy, modification and deletion are available only after connecting to a computer.
Auto Overwrite	Auto overwrite / disable overwrite selectable
Secure Mode	Only basic functions (recording, photo, audio) are available; password required to access setting and playback interfaces.
Docking Station Compatibility	Supports docking station and backend management: 1. Operation log; 2. Classified data collection.
Snapshot During Recording	Capture independent photos by pressing shutter during video recording.
Built-in Backup Battery	Supported (60mAh internal battery for continuous recording during battery swap)
Stealth Recording Mode	Supports disabling indicator lights and sound alerts.
Other	
Ingress Protection & Drop Resistance	IP67, 2-meter drop resistance
Housing Process	Two-color injection molding (anti-crack)
Low-temperature Compatibility	Low-temperature batteries are required for testing and cold-region usage. Low-temperature battery runtime≥2 hours at -30℃.Standard battery is for normal-temperature use only, with different energy density and operating environment compared with low-temperature batteries.
Storage Relative Humidity	63% (30℃)
Storage Temperature	-40 ~ 60℃
Operating Relative Humidity	40% ~ 80%
Operating Temperature	-20 ~ 55℃
Dimensions & Weight	

Length (mm)	59mm
Height (mm)	100mm
Thickness (mm)	26.4mm
Weight (g)	Approx.165g