A6MPS6E-5G

5G Body-Worn Camera



Model Number	A6MPS6E-5G
Basic Information	
Processor	MTK6877, 6nm, Octa-core, high-speed & low power consumption, up to 2.4GHz
Operating System	Android 13
Screen Size	3.1-inch multi-touch screen, 480*800
Standard Battery Capacity	3500mAh
Optional Upgraded Battery	N/A
Charging Time	3hours
Continuous Recording Time	Approx. 12 hours
Standby Time	>300 hours without APP (subject to APP usage)
Image Stabilization	Optional EIS
Video Format	MP4
Encoding Format	H.264/H.265
Video Resolution	Up to 4K (38402160) @30FPS
Photo Format	JPEG
Speaker	2.5W

Onboard Memory	Standard 4GB+64GB, expandable up to 512GB.
Rear Secondary Camera (AF)	1200W
Front Screen Camera	200W
Rear Main Camera	Default 8MP; optional 13MP with mechanical image stabilization lens.
Max Capture Resolution	Up to 117MP
Noise Reduction Module	Optional
Lighting	
Laser Light	N/A
Warning Light	Red & Blue alarm light
Infrared Light	N/A
White Fill Light	Available
Interface	
USB Port	USB 3.0
Charging Port	Type-C
Headset Port	Type-C
G-sensor	Supported
Vibration Motor	Supported
External Camera	Supported
Charging Dock	Supported
Charging Solution	Main unit (removable battery) + docking charger
Power Adapter	5V-2A
Data Functions	
Sim/TF Card Slot	Dual SIM + Single TF card
WIFI	WIFI5.8 a/b/g/n/ac
Bluetooth/433	BT5.0 (BR/EDR + BLE); supports Bluetooth remote control, Bluetooth audio intercom, Bluetooth tag positioning, etc.
Positioning	Multi-mode GNSS: GLONASS + GPS + Galileo + Compass
Compass	Supported
Barometric Pressure Sensor	Supported
Temperature Sensor	Supported
Ambient Light Sensor	Supported
NFC	Optional
Encryption Card	Supported
Network Specifications	
Global frequency bands	2G:GSM(B2/3/5/8) 3G:WCDMA(B1/2/5/8) 4G:TDD(38/39/40/41)， FDD(B1/2/3/4/5/7/8/20/28AB),CDMA:BC0 5G:N1/N3/N41/N77/N78/N79/N28AB(incl. China Radio & TV 700MHz)
Video Intercom	Supports one-way & two-way video intercom between body-worn camera and platform, as well as peer-to-peer intercom (requires integration with third-party SDK)
Trunked Group Voice	Supports group intercom & peer-to-peer voice intercom.
Voice Broadcast	TTS voice broadcast supported.

On-screen Text Overlay	Supports overlay of time, device ID, police ID, location, speed; Chinese characters supported.
Platform Integration	Compatible with mainstream protocols including JT/T808, GB/T28181, RTMP, RTSP, ONVIF for audio/video streaming, intercom, positioning and device information uploading.
Device Functions	
Video Post-event Recording	Supported
Video Pre-recording	Supported
USB Disk Mode	Driver mode: Enters removable disk mode via PC client software after connecting to computer. Driver-free mode: Directly enters removable disk mode after connecting to computer Two modes available for selection.
Hot-swap Battery Recording	The device keeps recording normally when the main battery is removed during operation.
Key File Marking	Users can press designated keys to mark important video files during recording.
Menu Languages	Default Simplified Chinese / English; additional languages can be customized.
Continuous Shooting	Supports capturing more than 10 photos in one burst.
Impact Alarm	Built-in G-sensor; triggers automatic recording and alarm upon drop or collision; linkage with backend via 4G Password Protection: Supported
Password Protection	Supported.
Video Encryption	AES256-SHA1-SHA2 encryption supported.
Night Vision	Automatic / manual night vision switching; compatible with high-power infrared lights.
Fill Light	White LED auxiliary lighting for dark environments.
Data Access Rights Management	Multi-level permission control. Basic permission only allows playback of videos, photos and audio; deletion and sensitive settings are restricted. Sensitive configuration, file copy, modification and deletion require password verification and PC connection.
Auto Overwrite	Auto overwrite / disable overwrite selectable.
Secure Mode	Only basic functions (recording, photo, audio) are available; password required to access settings and playback interface.
Docking Station Compatibility	Supports docking station and backend management: 1. Operation log; 2. Automatic data classification.
Snapshot During Recording	Take independent photos by pressing shutter while recording.
Built-in Backup Battery	60mAh internal battery enables continuous recording during battery replacement.
Vehicle Mode	Supports vehicle evidence collection; auto start recording when vehicle ignites, auto power off after engine shutdown.
Stealth Recording Mode	Indicator light and sound prompts can be disabled.
Other Parameters	
Ingress Protection & Drop Resistance	IP68, 2-meter drop resistance
Housing Process	Two-color injection molding (anti-crack)
Low-temperature Operation	Low-temperature batteries required for testing & cold regions. Low-temperature battery endurance ≥2 hours at -30℃. Standard battery is for normal temperature only; different energy density and operating environment from 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)	62mm
Height (mm)	90mm
Thickness (mm)	35mm
Weight (g)	Approx. 197g