

DS-MCW407 Body Camera



Body camera (hereinafter referred to as device) highly integrates with record, taping, capture, positioning, etc. It is embedded with positioning module with high sensitivity to locate the occurring position of events accurately. It can record the process and condition of events completely via record, taping, and capture. You can also tag the important data for future search. It is small and light, convenient to carry, and can be worn on the shoulder, satisfying the requirement of mobile duty and evidence record for single person. It is widely applicable to public security protection, city management, industry and commerce, etc.

- 1080p HD recording.
- The recorded videos can be uploaded to the central video platform via 4G wireless communication.
- Dual positioning modules of GPS and Beidou. The location information can be uploaded to the command center in real time.
- Supports IR night vision. Even in the dark scene, the facial features of the persons in the scene can be recognized clearly.
- Tri-proof design to support all-weather filed operation.
- Built-in battery with large capacity, supporting longer working hour.
- Small size, light weight, and convenient to carry.
- Large recording button for convenient operation.



▪ Specification

Camera	
Sensor Type	1/3" CMOS
Screen	
Screen Size	2.0 inch
Resolution	320 × 240
Material	TFT
Lens	
Focal Length	2.4 mm
Aperture	F2.2
Image	
Horizontal FOV	125°
Vertical FOV	70°
Day/Night Switch	IR cut filter with auto switch (You can see human face within 3 m at night.)
White Balance	AWB
Digital Zoom	× 4
Video	
Stream Type	Main stream, sub-stream
Main Stream Resolution	720 × 576, 1280 × 720, 1920 × 1080
Sub-Stream Resolution	720 × 576, 1280 × 720
Main Stream Frame Rate	25 fps
Sub-Stream Frame Rate	5 fps, 15 fps, 25 fps
Video Compression	H.264, H.265
Record Resolution	720 × 576, 1280 × 720, 1920 × 1080
Image Resolution	16 M, 5 M, 30 M, 40 M
Image Format	JPEG
Audio	
Audio Compression	G.722.1, PCM
Network and Connection	
Dial-up (only available for /GLE model)	FDD-LTE B1, FDD-LTE B3, FDD-LTE B7, FDD-LTE B8, FDD-LTE B20, WCDMA B1, WCDMA B8, GSM 900, GSM 1800
Wi-Fi Protocol	802.11b, 802.11g, 802.11n
Wi-Fi Working Mode	STATION
Wi-Fi Frequency Range	2.412 to 2.472 GHz
Positioning	GPS, Beidou
Bluetooth	4.0
General	
Operating System	Linux
Laser Positioning	Supported
Indicator	Charging indicator, working indicator
Button	On/Off, Record, capture, tape, PTT, alarm, Fn, menu, up, down, OK
Product Weight	159.5 g (0.4 lb.)
Product Dimension	82.6 × 58 × 29 mm (3.3 × 2.3 × 1.1 inch)
Package Weight	496 g (1.1 lb.)
Package Dimension	188 × 136 × 70.5 mm (7.4 × 5.4 × 2.8 inch)
Ingress Protection	IP68
Power Supply Mode	Battery power supply
Working Temperature	-20 °C to 55 °C (-4 °F to 131 °F)
Working Humidity	≤ 90%
Light Supplement	
IR	Supported
White Light	Supported
Storage	
Embedded Storage Capacity	Max. 256 GB
Peripheral Device Interface	
Charging Interface	MiniUSB

External Interface	USB 2.0
Loudspeaker	Supported
MIC	Supported
SIM Card Slot	1 (Nano-SIM)
Battery	
Dismountable Battery	Not supported
Battery Capacity	3,220 mAH

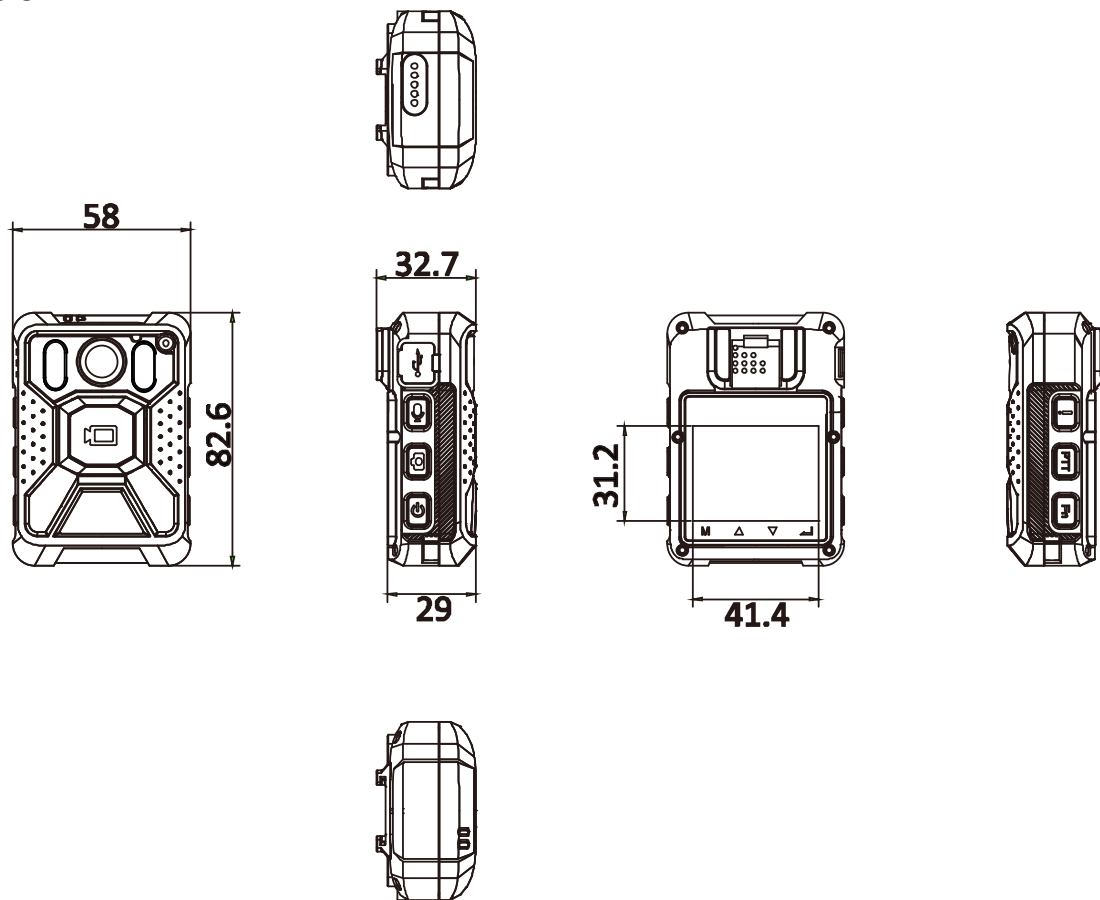
Note:

- Battery life is affected by environment and device configuration. In general condition, the battery capacity will reduce after one-year usage.
- The device can record about 12/11 hours continuously in 720p/1080p resolution when 4G, Wi-Fi, GPS, and LCD are disabled.

▪ **Available Model**

DS-MCW407/32G/GLE, DS-MCW407/32G/GPS/WIFI

Dimension



Distributed by

Unit: mm

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