

DS-MCW409 Body Camera



- 2688 x 1512 recording.
- Max. 40 M (8832 × 4960) resolution of the captured picture.
- IR function to recognize the facial features in the captured picture even in dim environment.
- Waterproof, dustproof, and anti-fall with 2 m fall protection height, applicable to all-day field work.
- 4G/Wi-Fi network connection with flexible wireless transmission.
- Replacing the battery without powering off

▪ Specification

CPU	
CPU	8 cores, 64 bit, Main frequency: 1.8 GHz
Camera	
Image Sensor	1/3" progressive scan CMOS
Max. Recording Resolution	2688 × 1512
Min. Illumination	Color: 0.11 Lux @ (F2.2, AGC ON), 0 Lux with supplement light
Day & Night	Switch IR cut filter automatically
White Light	Supported
Lens	
Focal Length	2.4 mm fixed lens
FOV	Horizontal FOV: 132°, Vertical FOV: 72°, Diagonal FOV: 148°
Aperture	F2.2
Video	
Video Compression	H.264,H.265
Video Format	MP4,PS
Pre-record & Post-record	Pre-record: 60/10/5/3 s, Post-record: 60/10/5/3 s
Sub-Stream	30 fps (1280 × 720, 720 × 576)
Main Stream	60 Hz: 30 fps / 15 fps / 5fps (2688 × 1512, 1920 × 1080, 1280 × 720, 720 × 576)
Audio	
Audio Compression for Video Recording	AAC,G722
Audio Compression for Audio Recording	PCM
Audio Compression for Group Intercom	G711.A,G711.U,G722
Audio Bit Rate	G722(16 kbps) ,AAC(dynamic),PCM(256 kbps),G711.A(64 kbps) ,G711.U(64 kbps)
Image	
Resolution	40 M (8832 × 4960),30 M (7296 × 4104),16 M (5312 × 2988),5 M (3072 × 1728)
Image Format	JPEG
Image Stabilization Algorithm	
Image Stabilization Algorithm	GIS: Optional
Screen	
Screen Size	2.4"
Touchscreen	Supported
Display Resolution	320 × 240

Screen Brightness	Typical value: 540 cd/m ²
Storage	
RAM	2 GB
ROM	64 GB by default, 128/256 GB optional
IR	
IR Wavelength	850 nm
IR Range	Up to 10 m,Illumination range greater than 90%
Wireless Network	
Wi-Fi Protocol	802.11 a/b/g/n/ac
Positioning Mode	GPS
Wi-Fi Frequency Band	2.412 to 2.472 GHz,5.15 to 5.25 GHz,5.725 to 5.875 GHz
Bluetooth	BT4.0
Cellular Network	GSM: 850/900/1800/1900,WCDMA: B1/B2/B4/B5/B8, FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B20/B28, TDD-LTE: B38/B39/B40/B41
NFC	Optional
Network	
Protocol	HTTPS, RTSP, NTP, FTP
API	ISAPI,SDK,ISUP
Security	
Encryption	AES128, AES256
Watermark	Supported
Interface	
Audio Type	2 built-in mic(s),1 speaker(s)
Indicator	2 indicator(s) for charging/working/recording/exception
Button	Power,Video recording,PTT,SOS,Picture capture,Audio recording
Charging Interface	Type-C, Pogo Pin
USB	1 USB 2.0 port(s)
SIM Card	1 Nano-SIM card(s)
Laser Positioning	Supported
Smart Functions	
Face Picture Capture	Supported
Face Picture Recognition	Optional
License Plate Recognition	Optional
Event	
Basic Event	SOS alarm
Group Intercom	
Group Intercom	Supported for firmware version V2.6.0 or above
General	
Power	5 VDC, 2.0 A, max. 10 W
Weight	194.5 g (without mounting) (0.4 lb.)
Dimensions	92.8 mm × 59.7 mm × 28.5 mm (3.7" × 2.4" × 1")

Speaker	1 built-in speaker(s), max. power consumption: 1 W, max. sound pressure level: 95 dB (10 cm)
Client	HikCentral Pro,HikCentral Master
Operating System	Android 9.0
Operating Condition	-20 °C to 55 °C (-4 °F to 131 °F). Humidity 95% or less (non-condensing)
Vibration Motor	Not supported
Gyroscope	Optional
Battery	
Battery Life	Up to 12h in 720p resolution ¹
Embedded Sub-Battery	50 mAh,Models with SE are not supported.
Capacity	3300 mAh
Charging Time	≤ 4 h
Battery Type	Lithium-ion battery, dismountable
Approval	
Environment	CE-RoHS: 2011/65/EU,WEEE: 2012/19/EU,Reach: Regulation (EC) No 1907/2006,CE-RoHS: EN IEC63000:2018
EMC	CE-EMC: EN 55032: 2015,EN 61000-3-2:2019,EN 61000-3-3:2013,EN 50130-4:2011+A1: 2014
Safety	CB: IEC 62368-1:2014+A11,IEC 62368-1: 2018,CE-LVD: EN 62368-1:2014/A11: 2017,EN IEC 62368-1:2020+A11:2020,CE-LVD: EN 62368-1: 2014/A11: 2017
RF	EN 300 328 V2.1.1 (BT or 2.4G),EN 62311:2008 (BT or 2.4G),EN 55032:2015,EN 61000-3-2:2014,EN 61000-3-3:2013,EN 50130-4:2011+A1:2014),CE-RED: EN 300 330V2.1.1
Protection	IP68:IEC 60529-2013
Drop Test	
Drop Test	MIL-STD-810G, 2 m drop test
Warranty	
Warranty	2 years for the device without battery, 1 year for the battery

1: This is a basic estimation of battery working life only when recording is on. Additional power consumption should be considered when IR, GPS, and/or network connection is on.

▪ Available Model

DS-MCW409/64G/GLE(C)

DS-MCW409/32G/GLE

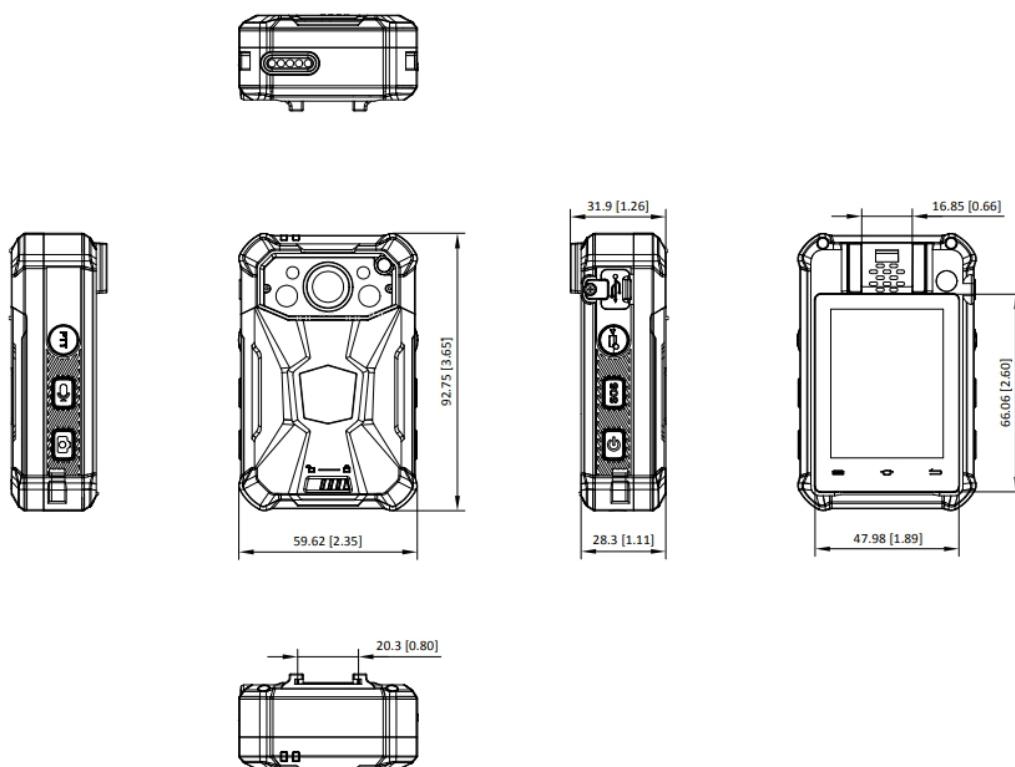
DS-MCW409/GLE(C)(MY)(APMM)

DS-MCW409/64G/GLE(C)(JORDAN PSD)

DS-MCW409/SE/64G/GLE(C)

DS-MCW409/64G/GLE(Singapore)

▪ Dimension



▪ Accessory

▪ Included

DS-MH1712



▪ Optional

DS-MH1717	DS-MH1711	DS-MH1310-N1(B)	DS-MH1715	DS-MH1721
				
DS-MH1716				



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