

DS-MCW409/5G 5G Body Camera



- 2688 × 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.
- 5G/4G/Wi-Fi network connection with flexible wireless transmission.
- Replacing the battery without powering off.
- Waterproof, dustproof, and anti-fall with 2 m fall protection height, applicable to all-day field work.

▪ 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
Main Stream	60 Hz: 30 fps/15 fps/5 fps (2688 × 1512, 1920 × 1080, 1280 × 720, 720 × 576)
Sub-Stream	30 fps (1280 × 720, 720 × 576)
Pre-record & Post-record	Pre-record: 60/10/5/3 s, Post-record: 60/10/5/3 s
Video Format	MP4, PS
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	
Image Format	JPEG
Resolution	40 M (8832 × 4960), 30 M (7296 × 4104), 16 M (5312 × 2988), 5 M (3072 × 1728)
Image Stabilization Algorithm	
Image Stabilization Algorithm	GIS: Optional
Screen	
Screen Size	2.4"
Display Resolution	320 × 240
Touchscreen	Supported
Screen Brightness	Typical value: 540 cd/m ²
Storage	
RAM	4 GB
ROM	64 GB EMMC by default, 32/64/128/256 GB additional TF storage optional
IR	
IR Range	Up to 10 m, Illumination range greater than 90%
IR Wavelength	850 nm

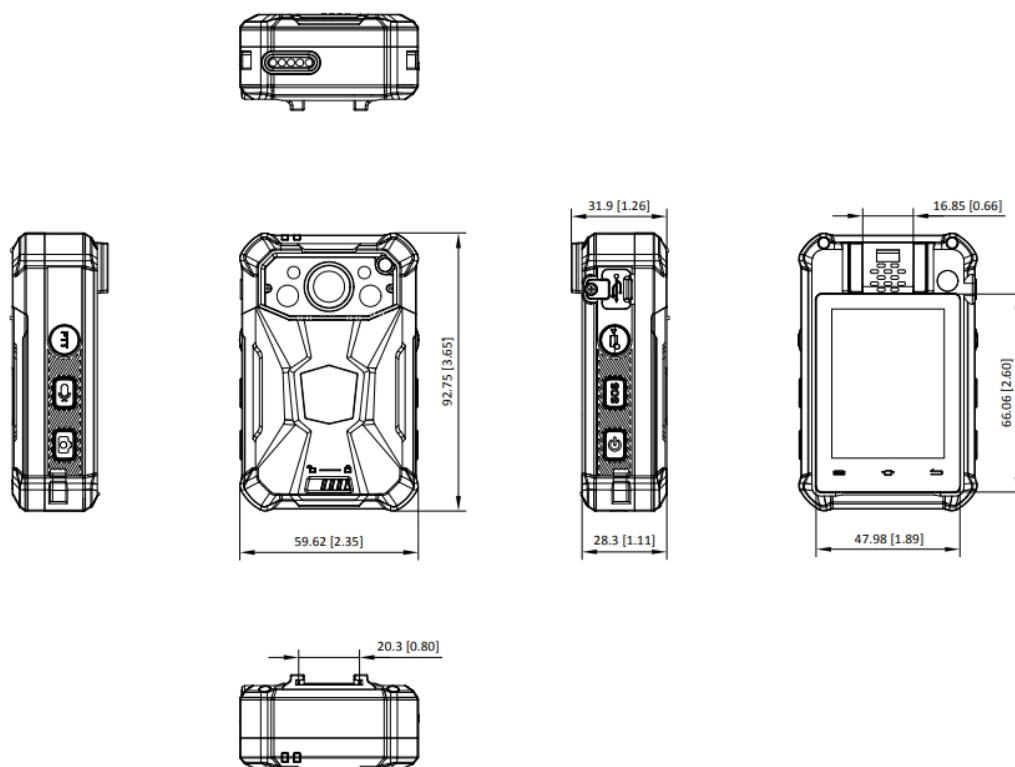
Wireless Network	
Bluetooth	BT5.1
Wi-Fi Protocol	802.11 a/b/g/n/ac
Positioning Mode	GPS
Cellular Network	FDD-LTE: B1/B3/B5/B8/B28, TDD-LTE: B38/B39/B40/B41, 5G: N1/N28/N41/N78/N79
Wi-Fi Frequency Band	2.412 to 2.472 GHz, 5.15 to 5.25 GHz, 5.725 to 5.875 GHz
NFC	Optional
Network	
Protocol	HTTPS, RTSP, NTP, FTP
API	ISUP 5.0, ISAPI, SDK
Security	
Encryption	AES256, configured by the Dock Station
Watermark	Supported
Interface	
Audio Type	2 built-in mic(s), 1 speaker(s)
USB	1 USB 2.0 port(s)
Indicator	2 indicator(s) for charging/working/recording/exception
Button	Power, Video recording, Audio recording, Picture capture, SOS, PTT
SIM Card	1 Nano-SIM card(s)
Charging Interface	Type-C, Pogo Pin
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	
Operating System	Android 11
Power	5 V DC, 2 A, max. 10 W
Vibration Motor	Not supported
Operating Condition	- 20 °C to 55 °C (- 4 °F to 131 °F). Humidity 95% or less (non-condensing)
Dimensions	92.8 mm × 59.7 mm × 28.5 mm (3.7" × 2.4" × 1.0")
Weight	199 g (without mounting) (0.4 lb.)
Gyroscope	Optional
Speaker	1 built-in speaker(s), max. power consumption: 1 W, max. sound pressure level: 95 dB (10 cm)
Client	HikCentral Pro, HikCentral Master
Battery	
Capacity	3300 mAh
Battery Type	Lithium-ion battery, dismountable
Battery Life	Up to 12 h in 720p resolution, Up to 12 h in 1080p resolution in case of battery replacement
Charging Time	≤ 4 h

Embedded Sub-Battery	3300 mAh
Approval	
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

▪ Available Model

DS-MCW409/64G/5G

▪ Dimension



▪ Accessory

▪ Included

DS-MH1712
Clip of Body Camera



▪ Optional

DS-MH1310-N1(B) Body Camera Battery	DS-MH1711 Body Camera Chest Harness	DS-MH1721 Oblique Shoulder Harness	DS-MH1717 Body Camera - Magnetic Clip	DS-MH1716 Body Camera - Alligator Clip
				
DS-MH1715 Body Camera- Wearable Clip 				

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