DS-MCW409/K5
Body Camera



- 2560 × 1440 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.

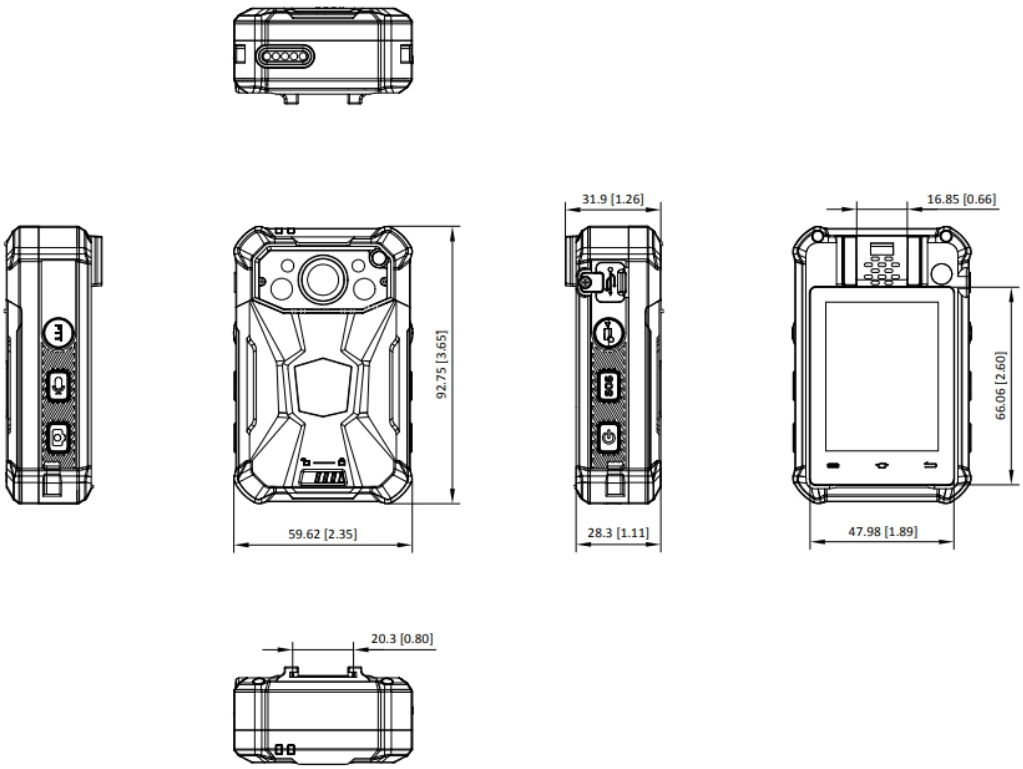
▪ Specification

Model		DS-MCW409/K5
CPU	CPU	8 cores, 64 bit, Main frequency: 2.7 GHz
Camera	Image Sensor	1/3" progressive scan CMOS
	Max. Recording Resolution	2560 × 1440
	Min. Illumination	Color: 0.11 Lux @ (F22, 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/25 fps (2560 × 1440, 1920 × 1080, 1280 × 720, 720 × 576)
	Sub-Stream	30 fps/15 fps/5 fps (1920 × 1080, 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	Image Stabilization	Optional

Algorithm	Algorithm	
Screen	Screen Size	2.4"
	Display Resolution	320 × 240
	Touchscreen	Supported
	Screen Brightness	Typical value: 540 cd/m²
Storage	RAM	4 GB
	ROM	64 GB by default, 128/256 GB optional
IR	IR Range	Up to 10 m, Illumination range greater than 90%
	IR Wavelength	850 nm
Wireless Network	Bluetooth	BT5.0
	Wi-Fi Protocol	802.11 a/b/g/n/ac
	Positioning Mode	GPS
	Cellular Network	NR-FDD:n1,n3,n5,n8,n28; NR-TDD:n41,n78,n79; LTE-FDD:B1,B3,B5,B8; LTE-TDD:B38,B39,B40,B41; WCDMA:B1,B5,B8
	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 3.0 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
General	Operating System	Android 13
	Power	5 VDC, 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	201 g (without mounting) (0.44 lb.)
	Gyroscope	Supported
	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	3200 mAh
	Battery Type	Lithium-ion battery, dismountable
	Battery Life	Up to 12h in 720p resolution
	Charging Time	≤ 4 h
	Embedded Sub-Battery	50 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

▪ Dimension



▪ Accessory

▪ Optional

DS-MH1715 body camera -wearable clip	DS-MH1716 Body Camera -Alligator clip	DS-MH1310-RHB-3200 Body Camera Battery	DS-MH1717 Body Camera -Magnetic Clip	DS-MH1711 Body Camera Chest Harness
				

DS-MH1712 Clip of Body Camera	DS-MH1721 Oblique shoulder Harness
	

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www.hikvision.com
support@hikvision.com

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