

DS-MCH208
Wi-Fi Helmet Camera

- Up to 1080p/30 fps recording resolution
- H.264/H.265
- High brightness white light supplement
- Wide-range lens with 84° horizontal FOV
- IP67
- The battery is non-removable

▪ Specification

CPU	
CPU	Single core, 32 bit, Main frequency: 0.96 GHz
Camera	
Image Sensor	1/3" progressive scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.5 Lux @ (F2.0, AGC ON)
White Light	2 white light(s)
Lens	
Focal Length	4.15 mm
FOV	Horizontal FOV: 84° Vertical FOV: 52° Diagonal FOV: 102°
Aperture	F2.0
Video	
Video Format	PS, MP4
Sub Stream	30 fps (720 × 576)
Video Compression	H.264, H.265
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720, 720 × 576)
Audio	
Audio Compression for Video Recording	G722_1, AAC
Audio Compression for Group Intercom	G711_A, G711_MU, G722_1
Audio Bit Rate	G711_A (64 kbps), G711_MU (64 kbps), G722_1 (16 kbps), AAC (64 kbps)
Image	
Image Format	JPEG
Image Resolution	5 MP, 16 MP, 30 MP, 40 MP
Storage	
RAM	128 MB
ROM	32 GB
Wireless Network	
Bluetooth	BT4.0
Wi-Fi Frequency Band	2.412 to 2.472 GHz
Cellular Network	Only available for models with/GLE: FDD-LTE: B1/B3/B5/B7/B8/B20 TDD-LTE: B38/B40/B41
Positioning Mode	GPS
Wi-Fi Protocol	802.11 a/b/g/n
Network	
Protocol	HTTPS, RTSP, NTP, FTP
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
Security	
Encryption	AES128, AES256
Watermark	Supported

Interface	
Audio Type	1 built-in mic(s), 1 speaker(s)
SIM Card	Only available for models with/GLE: 1 (Nano-SIM)
Indicator	2 Indicator(s) for Charging/Working/Recording
Button	Power, Picture capture, SoS
Charging Interface	Type-C
USB	USB 2.0
Laser Positioning	Supported
Event	
Basic Event	SOS alarm
Smart Event	Fall detection
General	
Operating System	Linux
Power	5 VDC, 2.0 A, max. 10 W
Client	HikCentral Pro, HikCentral Master Lite
Speaker	1 Built-in speaker, Max. power consumption: 1.3 W, Max. sound pressure level: 96 dB (10 cm)
MIC	Supported
Gyroscope	Supported
Operating Condition	Temperature: -20 °C to 55 °C (-4 °F to 131 °F) Humidity: 90% or less (non-condensing)
Dimension	55 mm × 55 mm × 31 mm (2.2" × 2.2" × 1.2")
Weight	110 g (without mounting) (0.24 lb.)
Vibration Motor	Not supported
Battery	
Battery Duration	Up to 12 h in 720p resolution ¹
Capacity	3300 mAh
Battery Type	Lithium-ion battery, integral
Charging Time	≤ 4 h
Approval	
RF	EN 300 328 V2.1.1 (BT or 2.4 G); EN 62311:2008 (BT or 2.4 G); EN 55032:2015; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 50130-4:2011+A1:2014);
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
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP67
Warranty	
Warranty	2 years for the device without battery, 1 year for the battery

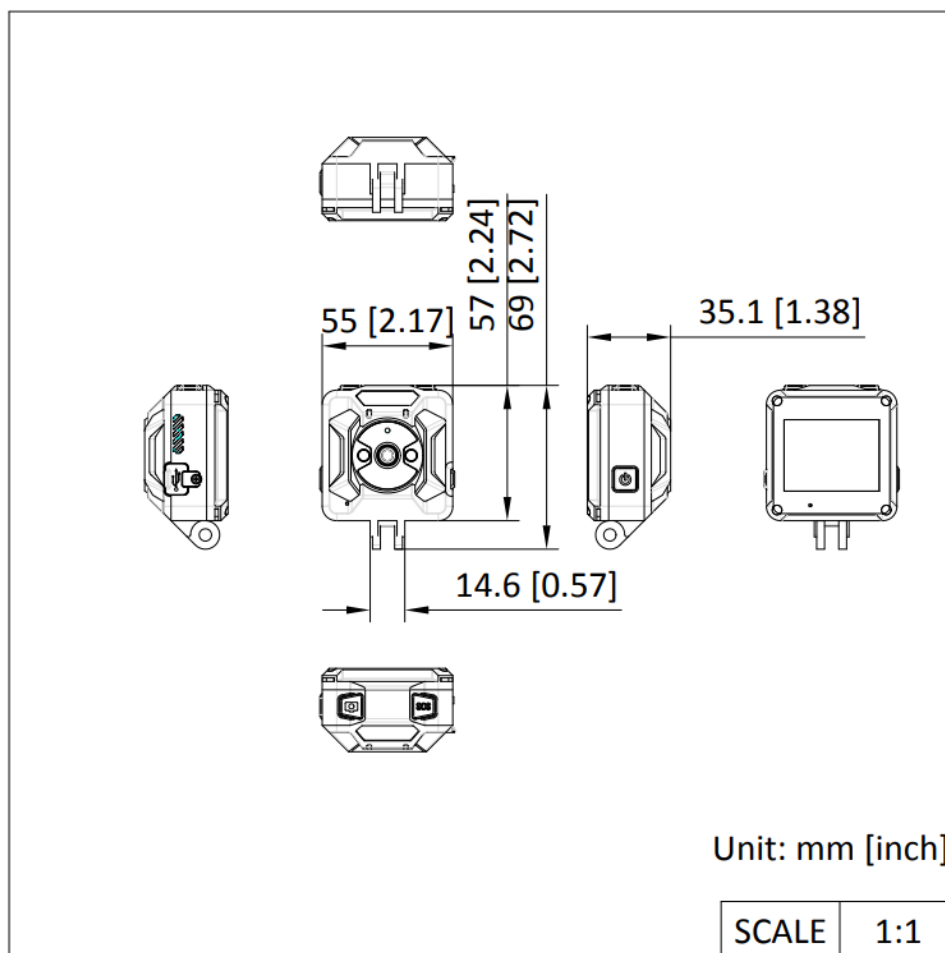
1: This is a basic estimation of battery life only when recording is on. Additional power consumption should be considered when IR, GPS, and/or network connection is on.

▪ Available Model

DS-MCH208/32G/GPS/WIFI

DS-MCH208/32G/GLE

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

DS-MH1310-B1
Body Camera Battery



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