

DS-MCW417 Ultra-endurance BWC



- 2K recording.
- The recorded videos can be uploaded to the central video platform via 4G wireless communication.
- Supports IR night vision.
- High protection level, all-weather workable.
- It is equipped with a 6200mAh battery. When only the video recording function is enabled, it can last for 15 hours.
- When the video recording and the upload of GPS data via the internet are enabled, it can last for 12 hours, meeting the needs of a full day's work.
- Large recording button for convenient operation.

▪ Specification

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
Zoom	4 × digital
White Light	1 white light(s)
Lens	
Focal Length	2.4 mm fixed lens
FOV	Horizontal FOV: 126°, Vertical FOV: 70°, Diagonal FOV: 144°
Aperture	F2.2
Video	
Video Compression	H.264,H.265
Main Stream	60 Hz: 30 fps (2688 × 1512, 1920 × 1080, 1280 × 720, 720 × 576)
Sub-Stream	30 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	G722,AAC
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
Image Resolution	5 MP, 16 MP, 30 MP, 40 MP
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	64GB
IR	
IR Range	Up to 10 m
IR Wavelength	850 nm
Wireless Network	
Bluetooth	BT4.2
Wi-Fi Protocol	802.11 a/b/g/n/ac
Positioning Mode	GPS
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
Wi-Fi Frequency Band	2.412 to 2.472 GHz,5.15 to 5.25 GHz,5.725 to 5.875 GHz
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)
USB	1 USB 2.0 port(s)
Indicator	2 indicator(s) for charging/working/recording/exception
Button	Power,Video recording,Audio recording,Picture capture,PTT,SOS,Fn
SIM Card	1 Nano-SIM card(s)
Charging Interface	Type-C, Pogo Pin
Group Intercom	
Group Intercom	Supported for firmware version V2.6.0 or above
General	
Operating System	Android 9.0
Power	5 VDC, 2.0 A, max. 10 W
Vibration Motor	Optional
Dimensions	102.1 mm × 65.4 mm × 32.25 mm (4.02" × 2.57" × 1.39")
Weight	250 g (without mounting) (0.61 lb.)
MIC	Supported
Gyroscope	Optional
Speaker	1 built-in speaker(s), max. power consumption: 3 W, max. sound pressure level: 95 dB (10 cm)
Client	HikCentral Pro,HikCentral Master
Battery	
Capacity	6200 mAh

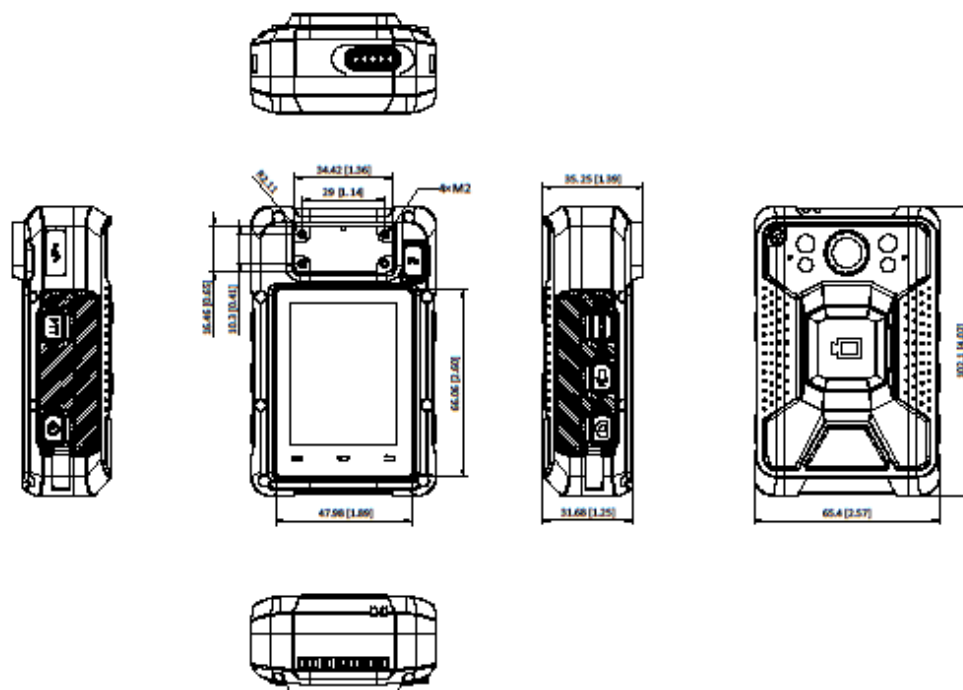
Battery Type	Lithium-ion battery, integral
Charging Time	≤ 6 h
Battery Duration	Up to 15 h in 720p resolution ¹
Approval	
RF	EN 300 328 V2.1.1 (BT or 2.4G), EN 62311:2008 (BT or 2.4G), EN 55032:2015, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 50130-4:2011+A1:2014)
EMC	EN 61000-3-2:2019, EN 61000-3-3:2013, EN 50130-4: 2011 +A1: 2014, CE-EMC: EN 55032: 2015
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, IEC 62368-1: 2018, 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	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-MCW417/64G/GLE

DS-MCW417/64G/GLE/esim(A)(America)

▪ Dimension



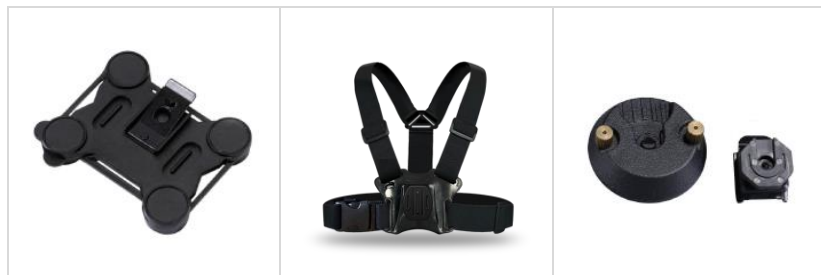
Unit:mm [inch]

SCALE 1:1

▪ Accessory

▪ Optional

DS-MH1710-HM-S	DS-MH1716	DS-MH1714	DS-MH1721	DS-MH1712
				
DS-MH1717	DS-MH1711	DS-MH1715		



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