

DS-MCW407(D) Linux Big Button 4G Body Camera



- 1080p HD recording.
- IR function to recognize the facial features in the captured picture even in dim environment.
- Realtime status transmitted to central platform via 4G connection, which include GPS and live view.
- Built-in battery good for a full-shift work.
- Small size, light weight, and convenient to carry.
- Large-button in the front for press-and-play recording.

• Specification

CPU	
CPU	Single core, 32 bit, Main frequency: 0.96 GHz
Camera	
Image Sensor	1/3" progressive scan CMOS
Max. Recording Resolution	1920 × 1080
Min. Illumination	Color: 0.07 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: 135°, Vertical FOV: 75°, Diagonal FOV: 145°
Aperture	F2.2
Video	
Video Compression	H.264, H.265
Video Format	MP4, PS
Main Stream	60 Hz: 30 fps (1920 × 1080, 1280 × 720, 720 × 576)
Sub-Stream	30 fps (1280 × 720, 720 × 576)
Pre-record & Post-record	Pre-record: 10 s, Post-record: 60 s
Audio	
Audio Compression for Video Recording	G722.1, AAC
Audio Compression for Audio Recording	PCM
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), PCM (128 kbps)
Image	
Image Format	JPEG
Image Resolution	5 MP, 16 MP, 30 MP, 40 MP
Image Stabilization Algorithm	
Image Stabilization Algorithm	Not supported
Screen	
Display Resolution	320 × 240
Screen Size	2.0"
Touchscreen	Supported
Screen Brightness	Typical value: 500 cd/m ²

Storage	
RAM	128 MB
ROM	32 GB by default, 64/128/256 GB optional
IR	
IR Range	Up to 10 m
IR Wavelength	850 nm
Wireless Network	
Wi-Fi Protocol	802.11 a/b/g/n
Wi-Fi Frequency Band	2.412 to 2.472 GHz
Cellular Network	Only available for models with /GLE: WCDMA: B1/B5/B8, FDD-LTE: B1/B3/B5/B7/B20, TDD-LTE: B38/B40/B41
Positioning Mode	GPS
Bluetooth	Not supported
NFC	Not supported
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)
Indicator	2 indicator(s) for charging/working/recording/exception
Button	Power, Video recording, Audio recording, Picture capture, PTT, SOS, Fn
SIM Card	Only available for models with /GLE, 1 Nano-SIM card(s)
Charging Interface	Type-C, Pin connection
USB	1 USB 2.0 port(s)
Smart Functions	
Smart Functions	Not supported
Event	
Basic Event	SOS alarm
Group Intercom	
Group Intercom	Supported for firmware version V2.6.0 or above
General	
Operating Condition	- 20 °C to 55 °C (- 4 °F to 131 °F). Humidity 95% or less (non-condensing)
Power	5 V DC, 2.0 A, max. 10 W
Dimensions	82.6 mm × 58 mm × 29 mm (3.3" × 2.3" × 1.1")
Weight	159.5 g (without mounting) (0.4 lb.)
Operating System	Linux
Client	Hik-Connect, HikCentral Pro, HikCentral Master, HikCentral Master Lite
MIC	Supported
Speaker	1 built-in speaker(s), max. power consumption: 1 W, max. sound pressure level: 87 dB (10 cm)
Vibration Motor	Optional
Gyroscope	Not supported

Battery	
Battery Type	Lithium-ion battery, integral
Capacity	3220 mAh
Charging Time	≤ 4 h
Battery Duration	Up to 12 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	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	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

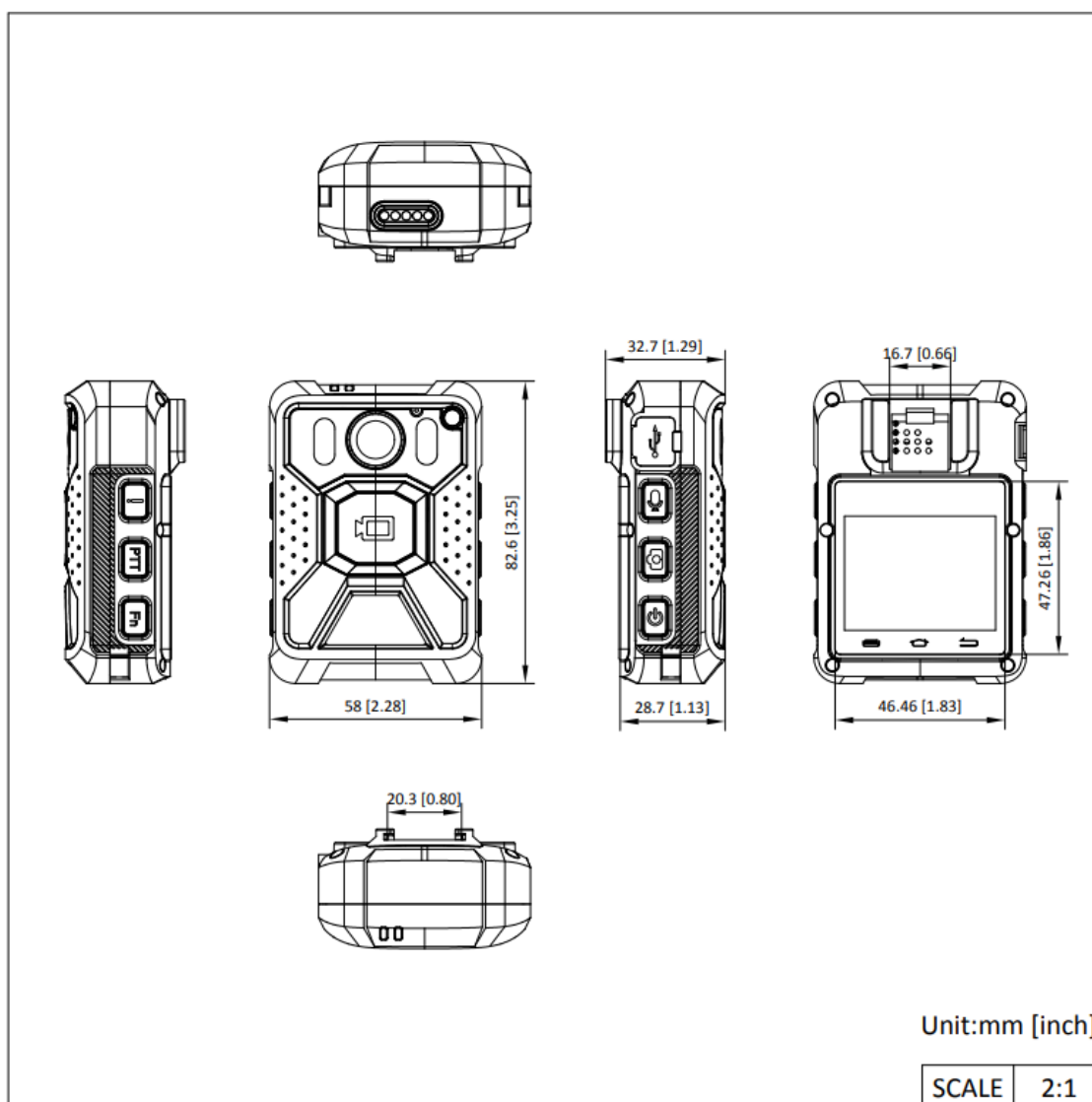
DS-MCW407/32G/GLE(D)

DS-MCW407/32G/GPS/WIFI(D)

DS-MCW407/64G/GLE(D)

DS-MCW407/128G/GLE(D)

Dimension



▪ **Accessory**

▪ **Included**

DS-MH1712
Shoulder Clip



▪ **Optional**

DS-MH1710-N1 23 Series Body Camera Shoulder Clip	DS-MH1710-N1-S Body Camera Metal Clip	DS-MH1711 Body Camera Chest Harness	DS-MH1721 Oblique Shoulder Harness	DS-MH1714 Body Camera Clip- Fast Click
				
DS-MH1412-B1 6 Ports Body Camera Charge Cradle	DS-MH1310-B1 Body Camera Battery	DS-MH1712 Clip of Body Camera	DS-MH1717 Body Camera - Magnetic Clip	DS-MH1716 Body Camera - Alligator Clip
				
DS-MH1715 Body Camera -Wearable Clip				
				

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