

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

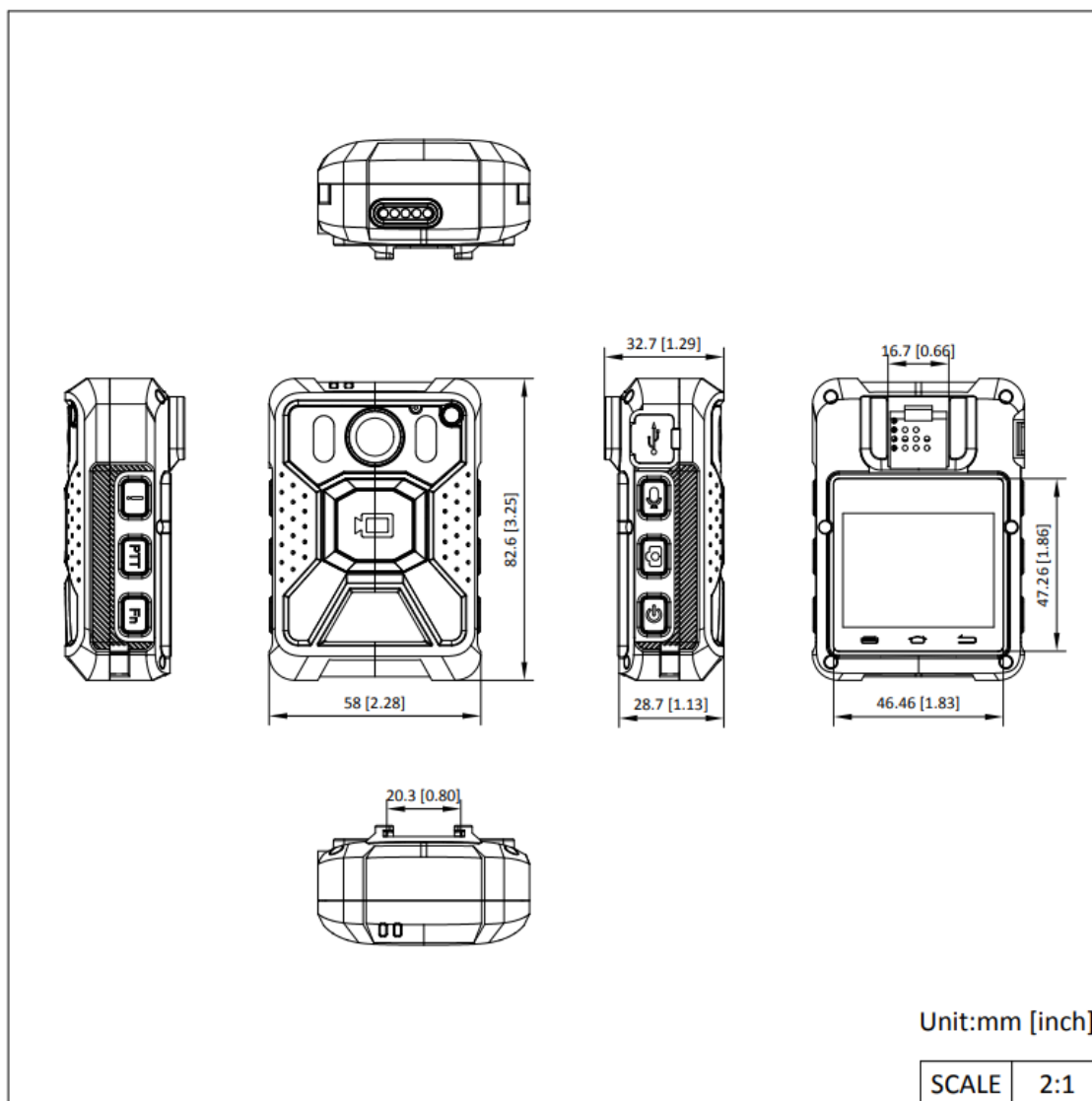
Model		DS-MCW407(D)
CPU	CPU	Single core, 32 bit, Main frequency: 0.96 GHz
Camera	Image Sensor	1/3" progressive scan CMOS
	Max. Recording Resolution	1920 × 1080
	Min. Illumination	Color: 0.07 Lux @ (F2.2, AGC ON), 0 Lux with supplement light
	Day & Night	Switch IR cut filter automatically
	Zoom	4x Digital
	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)
	Pre-record & Post-record	Pre-record: 10 s, Post-record: 60 s
	Sub-Stream	30 fps (1280 × 720, 720 × 576)
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	64 GB by default, 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 VDC, 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	Not supported
	Gyroscope	Not supported
Battery	Battery Type	Lithium-ion battery, integral
	Capacity	3220 mAh
	Charging Time	≤ 4 h
	Battery Duration	Up to 12h 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.

▪ Dimension



▪ Accessory

▪ Optional

DS-MH1710-N1 23 Series Body Camera Shoulder Clip	DS-MH1721 Oblique shoulder Harness	DS-MH1717 Body Camera -Magnetic Clip	DS-MH1712 Clip of Body Camera	DS-MH1716 Body Camera -Alligator clip
				

DS-MH1715 body camera -wearable clip	DS-MH1711 Body Camera Chest Harness	DS-MH1310-B1 Body Camera Battery	DS-MH1412-B1 6 Ports Body Camera Charge Cradle	DS-MH1714 Body Camera Clip-Fast Click
				
DS-MH1710-N1-S Body Camera Metal Clip				
				

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