DH-MPT220

Body Camera



- Android 9.0.
- 8-core 1.8 GHz High-Performance CPU.
- 2.0" touch screen.
- Supports 1080p@30 fps recording, the image resolution up to 34MP (7808 × 4400).
- H.265/H.264 high compression coding.
- Support 2G/3G/4G Cellular network, WiFi, Bluetooth, NFC, GPS/GLONALL positioning.
- LED illumination, and auto IR mode, OSD overlay.
- Power saving mode optional, pre-record and post-record up to 60 s.
- 16 GB internal storage and support external TF card storage which can be expanded up to 256 GB.
- Electronic Image Stabilization (EIS) technology to provide better image quality.
- One press to record video/audio/alarm/PTT.
- Supports IP68, drop test 2 meters.

System Overview

With ergonomic design, DH-MPT220 can be a good choice for collecting evidence for law-enforcement. It supports one press to start high-definition real-time recording, take photos, PTT, useful for justice, security inspections, and process control.

Functions

Shortcut Functions
One-press recording, capturing, alarm and PTT.

Wide-angle View
With a 124 ° ultra-wide-angle lens, the range of captured image elements is wider.

H.265/H.264
Supports H.265/H.264 video compression standards which offer adaptive bitrate control for improved video quality with reduced bandwidth and storage requirements.

OSD Information
The OSD information includes time, user, and GPS information. Two pieces of OSD information can be customized.

Scene

This product is applicable to public security, traffic police, city administration, industrial and commercial administration, security guard, insurance, etc.

Technical Specification

System	
Operating System	Android 9.0
Main Processor	8-core 1.8 GHz
Storage	
Internal Memory	The storage capacity is 16 GB.
TF Card Slot	The storage capacity can be expanded up to 256 GB.
Camera	
Max. Aperture	F2.0
Field of View	H: 124°; V: 76°; D: 141°
LED Flashing Light	Yes
IR Switch	Auto and manual; auto by default; the brightness is adjustable.
IR Distance	5 m (16.40 ft)
LCD	
Screen Size	2.0"
Screen Type	Multi-point capacitive touchscreen
Brightness	320 cd/m²
Contrast	1,000:1
Audio/Video	
Video Compression	H.264 and H.265, H.265 by default

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Video Format	DAV and MP4, DAV by default
Video Resolution/Frame Rate	1080p@30 fps; 720p@60 fps; 720p@30 fps; WVGA30 (848 × 480@30 fps)
Audio Exampling Rate	8 KHz
Audio Compression	G.711A
Audio Format	DAV
Image Resolution	0.4MP/4MP/16MP/34MP
Image Format	JPEG
Continuous Shooting	2/3/5/10 snapshots
Video Packing Time	5 min/10 min/20 min/30 min
Pre-record/post-record	Up to 60 s

Wirelss

Wirelss Network Frequency Band	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28[1] LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B8 GSM/EDGE: 850/900/1800/1900 MHz
SIM Card Slot	1 Micro SIM card
Wi-Fi	2.4 GB/5 GHz, 802.11 a/b/g/n/ac
Bluetooth	BT2.1+EDR/3.0/4.1 LE/4.2 BLE
NFC	Yes

Positioning

Positioning	GPS/GLONASS; AGPS

Battery

Battery Capacity	3000 mAh
Charging	5 V 2A (fast charge)
Charging Port	Micro USB
Charging Time	≤2.5 h
Working Time	>10 h (1080@30 fps recording)

Environment

Protection Grade	IP68; drop test 2 meters
Operating Temperature	–20 °C to +55 °C (–4 °F to +131 °F)
Operating Humidity	93%
Gross Weight	176 g (0.4 lb) (battery included), 510 g (1.1 lb) (package included)
Product Dimensions	90.0 mm × 60.0 mm × 31.0 mm (3.54" × 2.36" × 1.22")
Packaging Dimensions	170.0 mm × 121.0 mm × 65.0 mm (6.69" × 4.76" × 2.60")

Accessory

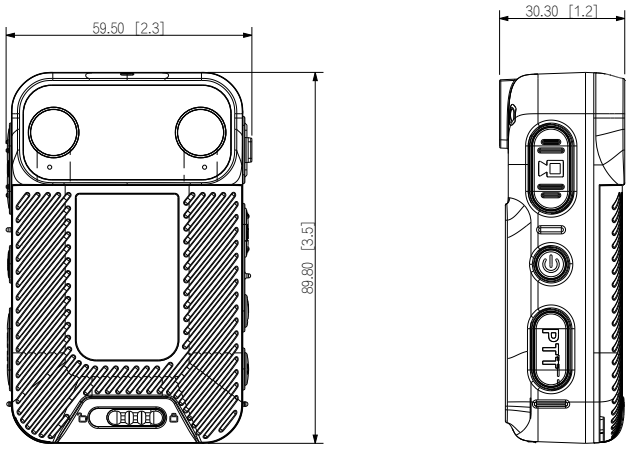
Battery	1
Power Adapter	1
Shoulder Clip	1
USB-to-Micro USB Adapter	1
Micro USB-to-Mini USB Adapter	1

1. LTE-FDD B28 need to be customized.

Ordering Information

Type	Model	Description
MPT	DH-MPT220	Body Camera

Dimensions (mm[inch])



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