

# DH-MPT220

## Body Camera



### 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.

- 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.

### 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/m <sup>2</sup>
Contrast	1,000:1

#### Audio/Video

Video Compression	H.264 and H.265, H.265 by default
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## Body camera series | DH-MPT220

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 Examplng 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

### Wireless

Wireless Network Frequency Band	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 <sup>1</sup> 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
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### 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])

