

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.
- 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

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|-----------------|--|
| Internal Memory | The storage capacity is 16 GB. |
| TF Card Slot | The storage capacity can be expanded up to 256 GB. |

Camera

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|--------------------|---|
| 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 ² |
| Contrast | 1,000:1 |

Audio/Video

Body camera series | DH-MPT220

| | |
|-----------------------------|---|
| Video Compression | H.264 and H.265, H.265 by default |
| 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 |

Wireless

| | |
|---------------------------------|--|
| Wireless 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 (1080p@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])

