DH-MPT221

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 34 MP (7808 × 4400).
- H.265/H.264 high compression coding.
- Support 2G/3G/4G Cellular network, Wi-Fi, Bluetooth, GPS/GLONASS positioning.
- IR light can be turned on manually or automatically.
- 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 its ergonomic design, Body Camera DH-MPT221 is both easy to carry and convenient to use. By just the press of a button, you can record videos and take photos, making it easy to quickly gather evidence while an event is occurring. It can preserve evidence and send the information to the platform through a 4G or Wi-Fi network, allowing you to view videos, use audio talk, and trigger alarms. This body camera is ideal for use in public security, the transportation industry, energy industry, corporations, and a variety of justice applications.

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	F2.4
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
Resolution	320 × 240

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Audio/Video

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

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 G/5 GHz, 802.11 a/b/g/n/ac
Bluetooth	BT2.1+EDR/3.0/4.1 LE/4.2 BLE

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	183 g (0.40 lb) (battery included), 510 g (1.1 lb) (package included)
Product Dimensions	90.1 mm × 59.2 mm × 34.2 mm (3.54" × 2.33" × 1.35")
Packaging Dimensions	170.0 mm × 121.0 mm × 65.0 mm (6.69" × 4.76" × 2.60")

Accessory

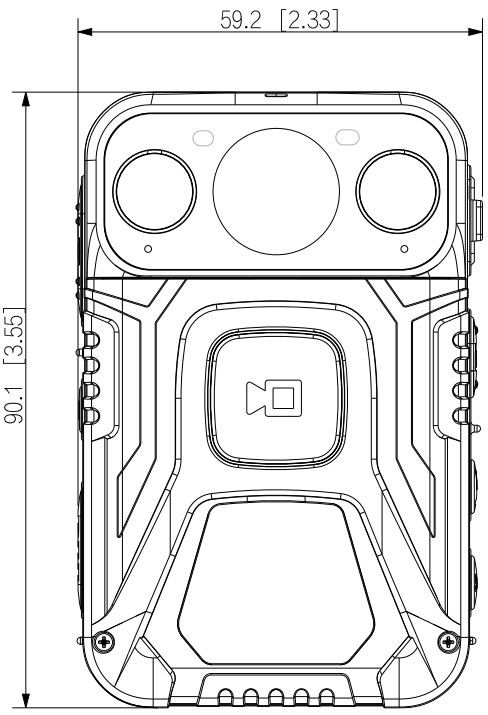
Battery	1
Power Adapter	1
Clip	1
USB-to-Micro USB Adapter	1

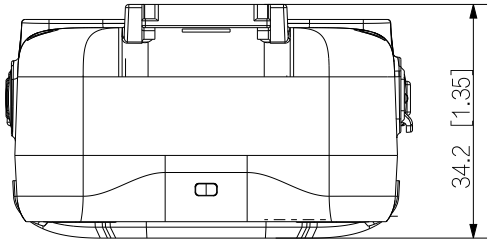
1. LTE-FDD B28 need to be customized.

Ordering Information

Type	Model	Description
MPT	DH-MPT221	Body Camera

Dimensions (mm[inch])





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