

DH-MPT220

Dahua Body Camera



Series Overview

With its ergonomic design, the Body Camera is both easy to carry and convenient to use. By just the press of a button, it can take pictures, and record videos and audios while an event is occurring, and directly upload recording files to the Data Collection Station or platform. Through the 4G network, it can also cooperate with the platform to perform functions such as live video, group talk and alarm event handling.

Functions

Capture the Truth in Any Situation

With a simple press of a button, the device effortlessly records videos and audios, and captures images to preserve crucial information of any given event.

Interaction with the Control Center

The platform of the control center can obtain live videos of the site and real-time GPS locations of personnel through the 4G network.

Emergency Handling

In the event of an emergency, pressing the SOS button will promptly send alarms to the platform. The emergency can also be conveniently reported on directly from the scene using the audio talk function. After the emergency is received, the platform will swiftly dispatch necessary personnel to the GPS location displayed on the map, prioritizing the safety of individuals on-site.

Intelligent Applications

By supporting face detection and license plate recognition, the device can swiftly locate blocklisted individuals or vehicles by working in synergy with the platform. This seamless cooperation significantly enhances efficiency and effectiveness.

- 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/GLONASS 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.

Technical Specification

System

Operating System	Android 9.0
Main Processor	8-core 1.8 GHz
Screen Size	2.0"
Brightness	320cd/m ²
Contrast	1000:1
ROM	16G
RAM	2G

Lens

Max. Aperture	F2.0
Field of View	H: 124°; V: 76°; D: 141

Video

Video Compression	H.265;H.264
Video Format	DAV;MP4
Video Resolution/Frame Rate	1080p@30 fps; 720p@60 fps; 720p@30 fps; WVGA30 (848 × 480@30 fps)
Image Resolution	0.4MP/4MP/16MP/34MP
Image Encoding Format	JPEG
Continuous Shots	2/3/5/10 snapshots
Video Packaging Time	5 min/10 min/20 min/30 min
Pre-Record/Post-Record	Up to 60 s
Max. IR Distance	5 m (16.40 ft)
IR Switching Mode	Auto and manual; auto by default; the brightness is adjustable.
LED Flashing Light	Yes

Audio

Audio Compression	G.711a
Audio Sampling	8 KHz
Audio Format	DAV

Wireless Parameters

Wi-Fi	2.4 GHz/5 GHz, 802.11 a/b/g/n/ac
Wireless Network Frequency Band	LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B20/B28 (LTE-FDD B28 need to be customized.) LTE-TDD: B38/B39/B40/B41 WCDMA: B1/B2/B4/B5/B8 GSM/EDGE: 850/900/1800/1900 MHz
Bluetooth	BT2.1+EDR/3.0/4.1 LE/4.2 BLE
NFC	Yes
Positioning	GPS/GLONASS; AGPS

Port

SIM Card Slot	1 Micro SIM card
USB	Micro USB

Battery

Battery Capacity	3000mAh
Recording Time	Lasts up to 10 hours (when in airplane mode with recording set as 1080p@30 fps, and all the lights and screen are turned off)
Charging Time	≤2.5 h

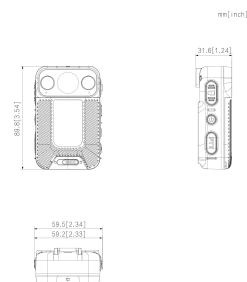
General

Protection	IP68; drop test 2 meters
Operating Temperature	-20 °C to +55 °C (-4 °F to +131 °F)
Operating Humidity	≤93%
Net Weight	176 g (0.4 lb) (battery included)
Gross Weight	510 g (1.1 lb) (package included)
Product Dimensions	90.0 mm × 60.0 mm × 31.0 mm (3.54" × 2.36" × 1.22")
Max. External Memory	TF Card, 1 × 256 GB
Certifications	MIL-STD-810H;CE;FCC;

Ordering Information

Type	Model	Description
Body Camera	DH-MPT220	Dahua Body Camera

Dimensions (mm[inch])



Panels

