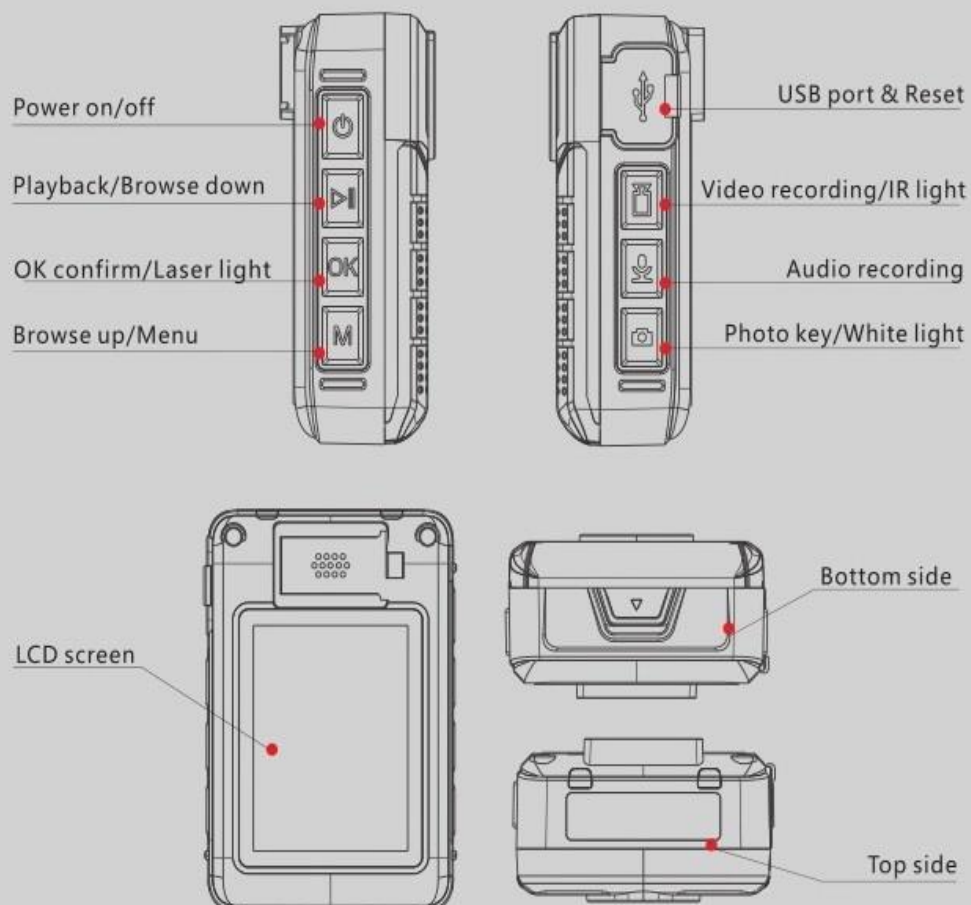


# ON-C4/C4A body Worn Camera Specification Sheet



Two battery covers

## Structure line draft



The equivalent quality video only occupied **1/2** space of H.264



**HEVC/H.265**

**H.264**

## **Removable battery**

support battery replacement under constant power



**2A fast charging**  
(optional function)



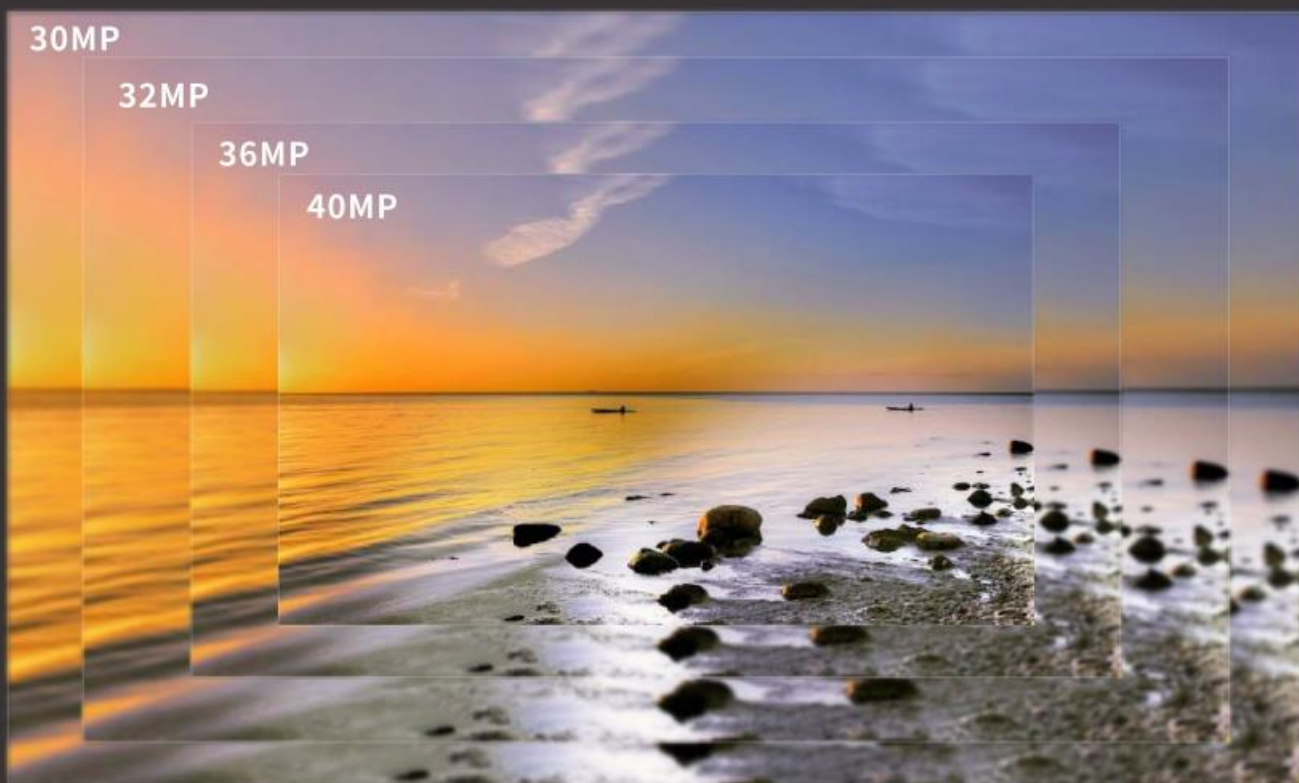
Super low power consumption

**over 13 hours**

continuous recording with 2 batteries @ 1080P 30 fps



Max photo pixel 40MP



One touch audio and video recording  
when camera is turned off





## Detachable SD card



A SanDisk Extreme PRO 32GB microSDXC card is shown next to a body camera. The card is red and black with 'SanDisk Extreme PRO', '32 GB', 'microSDXC', and 'UHS-I' printed on it. The body camera is black with a screen displaying a police officer. The background is blue with circuit patterns.

32G

128G

256G

64G

16 hours video recording with 1080P with 32GB

EIS technology for video recording(optional function)



A black body camera is shown next to a film strip. The camera has a large lens and several buttons. The film strip is black with white sprocket holes and contains various colorful images. A red circle with '102g' is in the top left corner.

102g

72.2mm\*48.5mm\*24.6mm

# Specification

## Basic Hardware Parameters

|               |  |
|---------------|--|
| <b>Model</b>  | ON-C4/C4A                                      |
| <b>CPU</b>    | H22A35M  |
| <b>Sensor</b> | CMOS Sensor 4M pixel                           |
| <b>Lens</b>   | 138°wide viewing angle(under 1/2.7inch sensor) |
| <b>Screen</b> | 2.0" LCD 240*320 pixel                         |

## Video Parameters

|                                |   |
|--------------------------------|---|
| <b>Lens spec</b>               | Horizontal $\geq$ 100°(120°optional)  |
| <b>Video resolution</b>        | 2560*1440P/30fps, 1920x1080P/30fps, 1440x1080P/30fps, 1280X720P/30fps, 848x480P/30fps, 720x480P/30fps |
| <b>Video format</b>            | MP4   |
| <b>Video encoding format</b>   | H.264/H.265   |
| <b>Video encoding bit rate</b> | 2.5-10M bps   |
| <b>One-click recording</b>     | Support one-click to enable video/audio recording when camera is power off.                           |
| <b>Pre-recording</b>           | Support $\geq$ 10s Pre-recording  |
| <b>Post recording</b>          | Support $\geq$ 30min Post Recording for all resolution  |
| <b>Video quality</b>           | H1  |
| <b>Split time</b>              | 5mins/10mins/15mins/30mins  |
| <b>Snap shoot</b>              | Support taking photos during video recording  |
| <b>Watermark</b>               | Support 7digits device ID, 6digits officer ID, date and time  |
| <b>Motion detection</b>        | Support   |
| <b>Loop recording</b>          | Support   |
| <b>EIS</b>                     | Support(optional)   |
| <b>Air bag</b>                 | Support(optional)   |
| <b>Zoom in/out</b>             | 1X-128X   |

| Photo Parameters              |  |
|-------------------------------|--|
| Photo pixel                   | 40M(6928*5192)/32M(7600*4275)/16M(5336*3000)/12M(4608*2592)/10M(4384*2466)/8M(3456*1944)/5M(3008*1688) |
| Photo format                  | JPG  |
| Burst shoot                   | 2/3/5/10/20  |
| Timed photo                   | 5/10 sec   |
| Delayed photo                 | 5/10 sec   |
| Audio Parameters              |  |
| Audio format                  | AAC  |
| Audio bit rate                | 128k bps   |
| Display / Playback Parameters |  |
| Fast forward speed            | 2X,4X,8X   |
| Rewind speed                  | 2X,4X,8X   |
| Slideshow                     | Support  |
| Screen brightness             | ≥450cd/m   |
| Screen saver                  | 30sec/1min/3min/5min   |
| Screen brightness settings    | High/Medium/Low  |
| Battery Parameters            |  |
| Battery type                  | Removable 2000mAh polymer lithium lion battery   |
| Charging time                 | ≤2.5hrs (optional)   |
| Battery life                  | ≥6.5hrs (1920*1080P/30fps H.264 medium video quality, screen/WiFi/IR lights/white light off)           |
| Battery indicator             | Support  |
| Low battery alarm             | Support video and alarm indicator  |
| Other Functions               |  |
| Night vision                  | Support 3 meters and above, covering 70% recording field   |
| Auto IR                       | Support auto/manually switch on IR lights  |
| Important mark                | Support  |



|                            |   |
|----------------------------|---|
| <b>One touch recording</b> | Support   |
| <b>PTT</b>                 | Support connection with walkie talkie   |
| <b>WIFI</b>                | Support(optional)   |
| <b>Audio alert</b>         | Support   |
| <b>Vibration alert</b>     | Support   |
| <b>Volume setting</b>      | Support(optional)   |
| <b>Auto power off</b>      | 1min/2min/3min/5min/10min   |
| <b>Password protection</b> | Support(optional)   |
| <b>Light indicator</b>     | Support On/Off  |
| <b>Reboot time</b>         | < 4-5s  |
| <b>Default /Reset</b>      | Support   |
| <b>Device version</b>      | Support   |
| <b>Format</b>              | Support(optional)   |
| <b>Storage capacity</b>    | Support 32-256GB SD card (32GB can store over 16 hours video with 1080P resolution) |
| <b>USB connection</b>      | MINI USB2.0   |
| <b>Power supply</b>        | 5V/2A   |
| <b>Microphone</b>          | 42dB -/2dB  |
| <b>Speaker</b>             | Built-in 1W speaker   |
| <b>Language</b>            | English/Simplified Chinese  |
| <b>OS</b>                  | Windows7、windows10  |
| <b>Dimension</b>           | 72.2mm*48.5mm*24.6mm  |
| <b>Weight</b>              | ≤102g (without clip)  |
| <b>Working temperature</b> | -20℃—55℃  |
| <b>Storage temperature</b> | -30℃—70℃  |
| <b>Drop resistance</b>     | 2meters (1.5 meters for mass production)  |
| <b>Waterproof</b>          | IP67(IP65 for mass production)  |