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MCT-I820 Body Worn Camera

Specifications

Customer :	
Customer Part NO :	
Maker Part No :	
Maker Part Name :	
Release Rev. :	
Date Submitted :	2017/5/24

Specification submitted

Specification 1

Others:

Please confirm your acceptance of this approve sheet return to send by post.

Customer's signature :

Approved

Checked

Prepared

DATE :

Police Body Worn Camera

I820



Thanks for choosing our police body worn camera - I820. Hope the camera can help you in the work of law enforcement

1. Product Overview









The Police Body Worn camera developed by us has many process technologies such as WIFI/GPS, photography, video and audio recording. It can help you collect evidence, standardize law-enforcing conduct, and assure the accuracy and fairness of law enforcement.

2. Product Features

Item	Parameter
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WIFI	Ambarella A7LA55 Super Clear Wifi Chipset
Max Pixel	32 Mega Pixels
Video	2304x1296 30p / 1920x1080 30p / 1440x1080 30p/ 1280x720 60p / 1280x720 30p / 848x480 60p/ 848x480 30p / 720x480 30p
Display Screen	2 inch TFT-LCD HD Clear color display screen
Wide Angle	140°wide-angle lens
Memory Capacity	Building-in 32G/ 64G
Data Interface	HDMI 1.3 Support 1080P TV Output JNTSC
Continuous Recording Times	11 hours(2 Batteries)
Shoulder Microphone	Support all kind of walkie-talkie
Positioning System(Optional)	GPS/ Beidou Positioning
Car Mount(Optional)	Support
External Power Supply(Optional)	Support

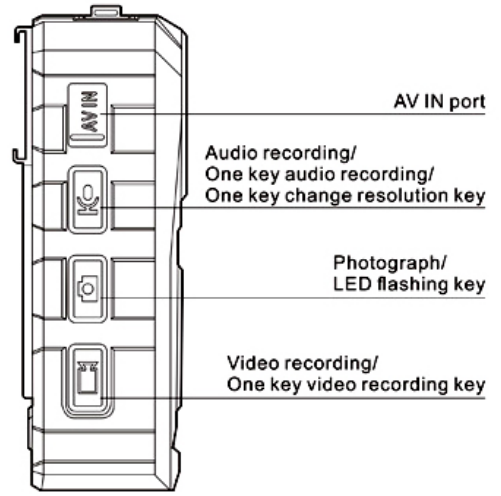
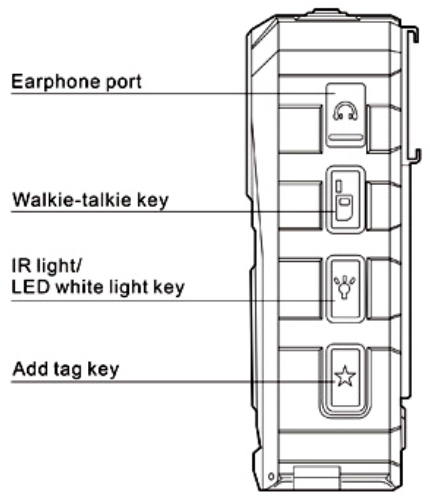
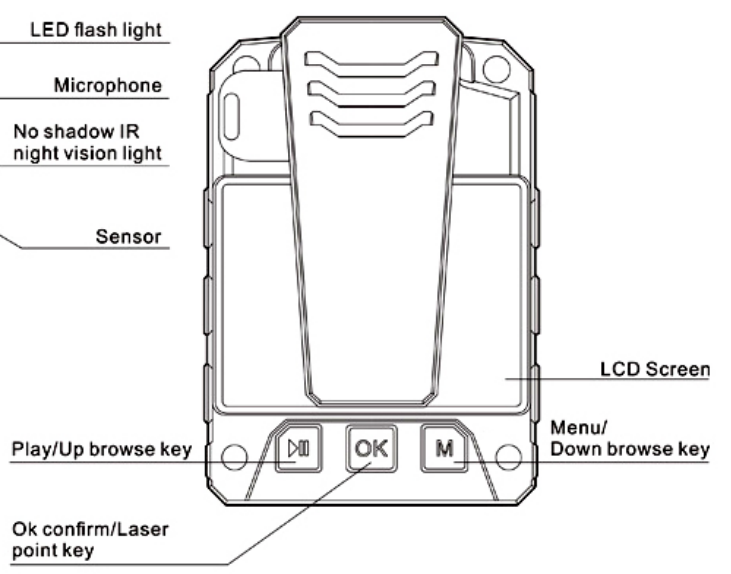
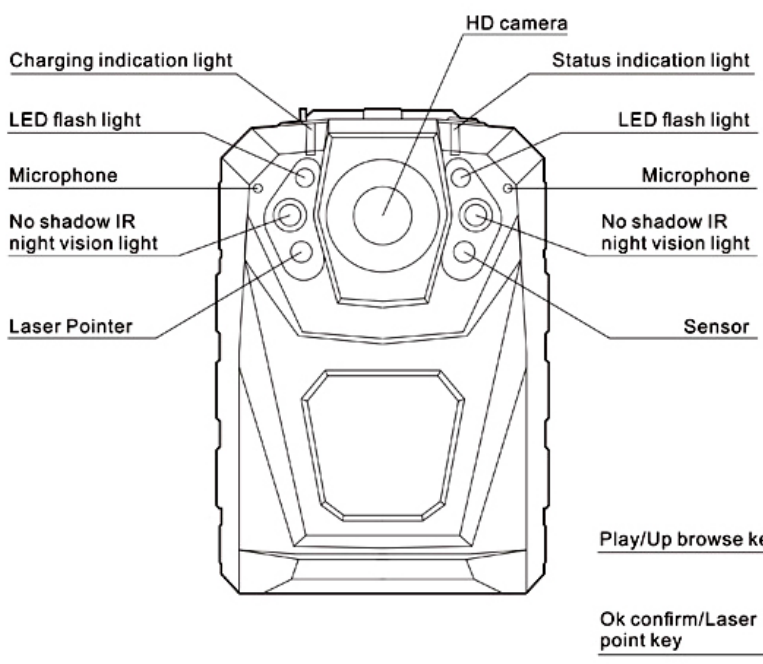
3. Quick Operation

- Long press  to power on or off the screen.
- Short press  to start voice recording, and short press again to stop recording.
- Short press  to take a photo.
- Short press  to start video recording, and short press again to stop recording.
- Short press  to turn on infrared light, and short press again to turn it off.
- Short press  to playback the last photo, video or audio files.
- Short press  to set the function and parameter.
- Press  to return the last screen.

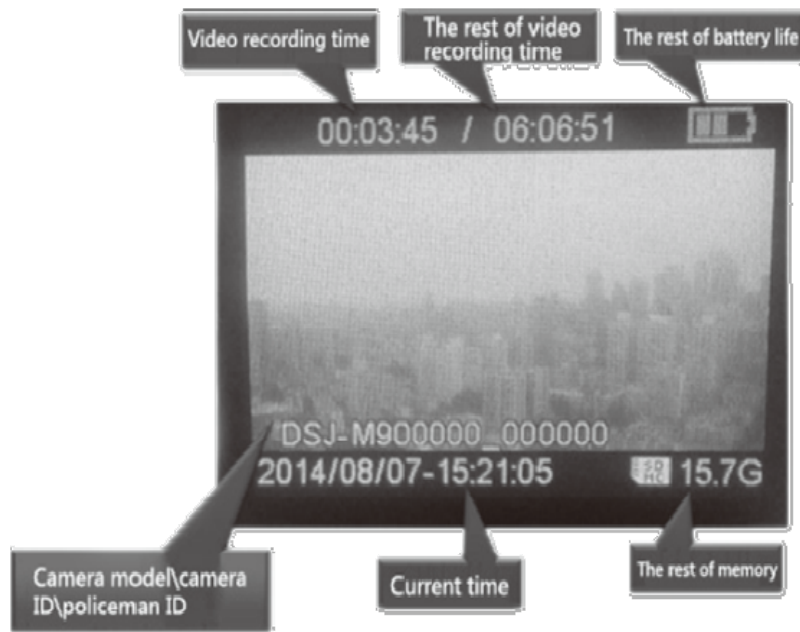
4. Appearance and Key Description



- Ambarella A7LA50
- True 1296P Super HD Video
- Infrared Night Vision Function
- Maximum Support 128GB
- One Touch Recording
- 2 PCS of Removable Batteries
- 140° Field of View
- Included Software
- IP 65 Water,Drop and Shock Resistant




5. Display Screen Description





6. Basic Operation Description

● Boot

Press  for 2 seconds, the camera will beep on with a green LED, and the camera turn to standby mode with the screen lighted on.

● Audio recording


Short press , the camera will shake, then the LED flash to yellow and the camera start audio

recording. Press  again when you want to end the audio recording, and the camera shakes again, with the yellow LED light off and the recording stored automatically.


● One Key Audio Recording


When the camera is off, long press key  for 4 seconds to start one key recording.

● One Key Change Video Resolution

When the camera is in standby mode, long press key  for 4 seconds, then the camera will automatically turn to SD or HD resolution by choice.

● Photo Taking


Short press key  to take photo when the camera is in standby mode.

Long press key  for 4 seconds to turn on the LED flashlight, and the light will flash under specific

frequency.

- **Video Recording**



When the camera is in standby mode, short press , then the camera body will shake with voice Guide Law-enforcement, video recording start, and afterwards the red video light flash on, which

indicates the video recording start. Press key  again to stop recording, and the camera body will shake again, with red video light off, and the recording is finished and saved. (Note: this function is close in default)


- **One Key Video Recording**

When the camera is off, Long press  for 4 seconds to start one key video recording.


- **Focus adjustment**

Long press key  or  to adjust the focus. (Note: Focus can't be adjusted under HD 1920*1080 video resolution)


- **Laser Pointer**


Long press  for 4 seconds to open laser point light. Do it again to turn it off.

- **Snapshot under Video Recording**


Short press  key to take a photo in video recording mode.

- **Switch between IR red light and LED white light**



Short press  to turn on IR red light. Press it again to shut down in video recording or standby mode.

The IR red light can help to record video in the night or dark environment. Long press  to turn on LED white light. Long press for 4 seconds again to turn the LED off.



- **One Key Playback**

Short press  to fast browse the last photo, recorded audio or video file under standby mode.

- **Fast forward and fast reverse.**


Short press  or  to fast forward or fast reverse at 2X, 4X, 8x, 16X, 32X ,64X under playback mode.

- **Ok Confirm**

Short press  to get into video, photo, audio folder and select a file to play. Long press  for 4



seconds to open laser point light, do it again to turn off.



- **Menu selection**

Short press  to set the function and parameter as below in standby mode.

- **Resolution:**


8 modes of video resolution, 2304x1296 30p/ 1920x1080 30p / 1440*1080 30P/ 1280x720 60p

/1280x720 30p / 848x480 60p/ 848*480 30P/ 720*480 30P. Short press  or  to select it.


( is the Page Up key,  is the Page Down key in selection mode.)

- **Video length selection**

5mins, 10mins, 15mins, 30mins and 45mins for selection. Short press , and Short press  or


 to select the length.

- **Video quality:**

3 modes are optional to adjust video quality: best, fine and standard. Short press  to enter, and


short press  or  to select.

- **Photo size:**

5M, 8M, 10M, 12M, 16M, 21M and 32M for the photo definition. Short press  and short press

 or  to select.

- **Continuous shooting:**

Close (one shooting), 2/3/5/10/15/20 continuous shootings for selection. Short press  to enter,

and short press  or  to select

- **Alert tone:**

Shut down, voice guide, alert tone, shake modes for option to select the key tone and video audio. If choose shut down, the camera is mute. While choose voice guide, it will prompt Law-enforcement video recording start.

- **Sound volume:** adjust the alert tone and playback sound volume.

- **Slide:** It will get into slide browse mode during the photo playback.

- **Video pre-recording:**

Pre-recording before press recording key and pre-record 10 seconds video information.

- **Delay recording:**

Delay recording after press stop recording key, delay record 10 seconds video information.

- **IR switch:** Manual or automatic.

- **GPS (optional):** Open or Close.





- **Vehicle-Mounted:**

Open Vehicle-Mounted mode, and assemble the camera to the base, one side of data cable connect to mini USB port on the base, the other side connect to USB port of the car. Fire the car and it will auto-recording while fire off it will stop recording and save the video automatically. (Set it open or close in the menu)


- **LCD Brightness:** High, middle, or low.

- **Led light:** On or off.

- **Video Type:**

Traffic control, criminal investigation, public security can be selected by long press key  for 4 seconds. Short press  or  to select the mode, and short press  to confirm your selection. (Note: this function is close in default)

- **Chime:** voice alert hourly. (Note: this function is closed in default)

- **Reset:** When hang up, press , Camera will reboot and return to normal. And the data will not left.

7. Indicator Light

Standby indicator light (GREEN)

The light turns to green when the camera is powered on.

Charge indicator light (BLUE)

The light turns blue during charging, and turn off when it is full.

Video recording indicator light (RED)

The light turns red and flashing under video recording.

Audio indicator light (YELLOW)

The light turns yellow and flashing under audio recording

- **Key Function Description**

-  **Reset key**

Reset it when the camera is running wrong or hang up.

-  **Combination key:**

One Key Play Key / Page Up key / Focus adjustment function

- **One Key Play Key**

In standby mode, press this key to playback the last audio or video file.

■ **Page Up key**

Go to menu, press this key can select object to up and left.

■ **Focus adjustment function.**


Long press this key can adjust 8X focus change under standby or video recording mode. Press this key can fast reverse by 2X, 4X, 8X, 16X, 32X, 64X under video recording. (Note: Focus cannot be adjusted under HD 2304*1296 resolution)

■  **Combination key:** OK Confirm Key / Laser Pointer Key

■ **OK confirm Key**

Press this key into video, photo, audio file browse mode and confirm it.

■ **Laser Pointer Key**

Long press  to open Laser Point light for the best positioning, and do it again to turn it off.




■  **Combination key:**

Add * on important file


Short press this key, then a * mark for important file can be marked on the top left corner of the screen.

Video classification key

Traffic control, criminal investigation and public security can be selected when long press this key for 4


seconds. Short press  or  to select the mode, and short press  to confirm.

WIFI Connection

Power on the police body camera, press , when the WIFI LOGO in the LCD turns green, it means that the WIFI of the camera has been set up and started. Next step turn on the cell phone's WIFI, and find WIFI network "body-camera-XXXX" (XXXX is the serial number.) and connect it. The initial password for the WIFI connection is 1234567890, After connect the cell phone with the camera by WIFI, open the APP LinkinEyes in the cell phone, and you can do the following operation: Photograph, Video Recording, Video Playback, Settings.

To stop the WIFI connection, long press in the camera to turn off the WIFI.

When WIFI is connected, all the buttons in the camera will be locked except the power key, so the user cannot operate the buttons of the camera, however the user can control the camera in the APP during this time. After the WIFI is turned off, the user can operate the camera buttons normally.

■  **Walkie-talkie** After connect with the walkie-talkie, press this key start to talk.

■  **Combination Key:**

Audio recording key

Press this key to start audio recording, press it again to stop it.

One Key Audio Recording Key

When the camera is under turn off status, 4 seconds long press this key to start audio recording, press it again to stop it

Video Resolution Change Key

When the camera is under standby mode, long press this key for 4 seconds, the video resolution can be changed to 480 or 720.

-  **Combination key:** Photograph key / LED Flash light Key

Photograph Key

Short press this key to take photo.

LED Flash light Key


Long press to turn on LED flash light function.

-  **Combination Key:** Video Recording Key

Video Recording Key

When the camera is in standby mode, press this key to start video recording, and press it again to stop it.

One Key Video Recording Key

Under turn off status, long press  for 4 seconds to start video recording, and press it again to stop it.

-  **Combination key:** Menu Key /Page down Key

Menu Key

Press this key into system setting interface.

Page down Key

Also press this key to select file from up and left when browse the files.

Zoom Lens Key

This key also has focus adjust function. Long press this key can adjust 8X focus change under standby or video recording status. Press this can fast reverse by 2X, 4X, 8X, 16X, 32X, 64X under video recording. (Note: Cannot adjust focus under HD 2304*1296 resolution)

-  **Combination Key:** No shadow IR night vision light key / LED Illumination Light

No shadow IR night vision light key

Short press it to open no shadow IR night vision light and help to calibrate the video object. Short Press it again to turn it off.

LED Illumination Light

Long press this key for 4 seconds to open LED illumination function, long press it again to turn it off.



■ **USB port**

Using cable connect this port with computer to get the file and charge the camera.



■ **HDMI port**

High Definition Multimedia Interface (HDMI) port, use it to connect with HD TV.



■ **AV IN port**

Connect to external camera. Picture and voice from external camera will shows on the screen.



■ **Earphone Port**



■ **Power On & off/ Lock screen key**

Long press this key to boot, long press it again to turn the camera off. Short press it to lock the screen, short press it again to unlock it.


■ **Abnormal alarm**

Two kinds of abnormal alarms:

When the battery is weak, Battery life flashes on the screen, at the same time the camera body shake and alarm with alert when the battery is full, he screen will alert storage full, the camera body shake with Alert tone alarm.

■ **Power Saving Mode**

When no operation after 1 min, 3 min, 5 min (optional in menu), the LCD screen will close automatically to save power. Press any key to light up the LCD.

Short press key  at a time to turn off LCD, short press any key LCD will reopen, and camera return to normal.

■ **Charging (Li-ion Rechargeable Battery)**

Battery will be full after 4 hours charging under the camera is turned off (Using charger equipped).

During the charging, blue color indicator light will turn on, and turn off when it is full. While using multifunctional base charger, plug the camera into the base, and connect the power, the red power light on the charger turn on, and camera boot automatically. You need to turn the camera off manually, and blue indicator light on the camera body will turn on, which will turn off when the battery is full.

● **3 Charging ways**

✓ **USB connect to computer**

✓ **Multifunctional base charging**

✓ **Charger connect to 220V power charging**



● Driver install and computer connection instruction

Information read out, calibration, password change, factory reset, up load file, upload path change, camera ID and policeman ID setting all can be changed in the software Driver install and computer connection instruction.

● Attention

- The focus scan not be adjusted under resolution 2304*1296.
- Reopen IR night vision light to return color to normal when the screen has color aberration(like red).
- Two ways of charging. Turning off charging, 1.2A charging electricity, 4 hours get to full. On boot charging, 500mA charging electricity.(this way can protect the circuit board and battery life) so fast charging can choose Turning off charging, slow charging can choose On boot charging.
- After no use in long time, please charge it full at first before use it again. Please don't open and repair the camera by unauthorized organization.



- Please use a pin to press the reset key   to reboot the camera, when running hang or abnormal.
- Please get the camera bottom from water, to avoid short circuit during using.

8. User's Instructions

Police Body Worn Camera - I820 is developed by Shenzhen Cammpo Technology Co., Ltd. We provide one year warranty and RMA service. In order to protect user's rights and avoid some unnecessary problems, please read below details:

1. Please send back below warranty card with order number, model, and problem clearly together with returned products during RMA service.
2. Any man-made damage such as: water, moisture, improper use or damage by no authorized organization as well as that over 1 year warranty, only paid service is available and the camera is not guaranteed to be recovered.
3. Serious man-made damage (such as water or fall down), a repair contract is necessary to sign.
4. Non man-made damage and still under 1 year's warranty, the camera can be changed, but not for the accessories