



PRO 3005M Body Cam

User manual

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1. Product Introduction

1.1 Product application

PRO 3005M Body Camera is a highly integrated device specially developed for the law enforcement industry. The equipment supports photo taking, video recording, video recording, local storage, infrared night vision, laser positioning and 3G / 4G wireless transmission. The device can be connected directly to the VMS platform via 4G or 3G or WIFI or AP network environment.

1.2 Spec

Model	PRO 3005M
CPU	8 core
4G wireless transmission	Support TDD-LTE, FDD-LTE, WCDMA, GSM, CDMA, CDMA2000\EVDO
Display screen	3.1 inch capacitive touch color display
Field of view	>100°
Video recording	1920*1080/1280*720 optional
Video format	MP4
Photo format	JPEG
Infrared night vision	With automatic infrared night vision function
White balance	Automatic
GPS & Beidou positioning	Support

WIFI function	Support
Bluetooth	Support
Data interface	USB 2.0
Charging method	Support fast-charging
Battery	3200mAH high-capacity high-density polymer safety battery, support removable battery
Storage media capacity	32GB
Indicator light	Support infrared light, white light, three-color indicator light, strobe light, laser light
Physical button	Power button, video button, camera button, recording button, mark button, image transmission button, PTT intercom button, SOS button
Dimensions	102.7*62.4*17.8mm (excluding back clip and external equipment)
Operating system	Android smart operating system
Weight	175g (excluding back clip and external equipment)
Enclosure rating	IP68 protection
External camera	Support
Frequency	GSM:850/900/1800/1900 FDD:B1/B2/B3/B4/B5/B7/B8/B17/B20/B28AB TDD:B34/B38/B39/B40/B41 WCDMA:850/900/1900/2100 TD-S:B34/B9 CMDA20001x EVDO: 800

The main features of the Body Camera: video recording, video capture, Wi-Fi link, 4G real-time upload.

1.3 Illustration



2 Installation

2.1 Install the SIM Card

In the Power Off state, open the SIM card sealing sleeve on the left side of the device, and insert the Nano SIM card in the direction indicated.



2.2 Install the Battery

Pull down the bottom lock button of the battery cover, open the battery cover, and install or pull

out the battery from the bottom.

Notice: Battery level indicator

Your device can monitor and display information about the battery.

1.Under normal circumstances, you can see the remaining battery power from the battery power icon in the upper right corner of the display.

2.When the battery is being charged, the percentage of power cells in the battery icon will change until it is fully charged.

3 Operation

3.1 Power On/Off

Press "**Power key**" 3 seconds to turn on the device, the Green LED will say on. When it's on, press "**Power key**" 3 seconds to turn it off.

When device is on, press "**Power key**", can turn on / off screen.

3.2 Take picture

When device is preview mode, press the "**Photo key**" to take pictures. During dark night, please turn-on the lights of device. In the video or audio state, press the "**photo key**" to take pictures directly.

3.3 Recording

After the device is turn-on, the device directly enters the preview interface, press the "**Video key**" to record, the device will announce "Start recording" , then Red LED(on the top) will flash and begin to record.

During recording state, press " **Video key**", stop recording and save the video. The device will announce "Stop recording".

During the recording, press "**Fn key**" to mark it as important file.

3.4 Audio recording

After the device is turned on, the device directly enters the preview state, press "**Audio key**" to start recording, the device will announce "Start recording" the Red Status LED will be on, there will be an Audio icon on the screen. Press the "**Audio key**" again in the recording state to stop and save the audio file.

During the recording, press "**Fn key**" to mark it as important file.

3.5 SOS key

Press and hold "**SOS**" key, it will trigger the Emergency alert to platform.

GPS		Event		Alarm		Active Safety Alarm	
No	Operat...	Device No	Fleet	Time	Alarm Type		
1		2	Default Fleet	2021-12-15 19:26:23	Panic alarm		

3.6 LED Control

After the device is turned on, the device directly enters the preview state,

1. Short-press the “**LED Control**” key, it will turn on the Flash LED, press again to stop.
2. Long-press the “**LED Control**” key, it will turn on the Alarm LED, Long-press again to stop.
3. In the previous or standby mode, Long-press the “**Record key**” to turn on the Laser LED, Long-press again to stop it.
4. For the IR LED, it will turn on automatically according to the light change.

3.7 Switch between Audio and Video

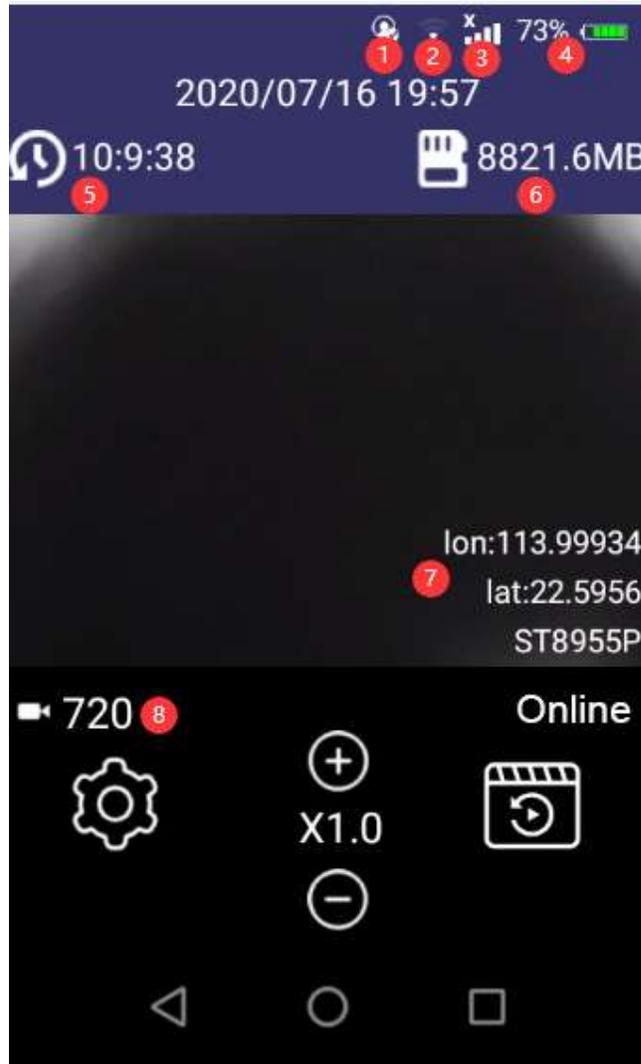
Press the **Audio key** while video is recording, you can save the current video file and start audio recording. Press the **Video key** while audio recording, you can save the current audio file and start video recording.

4 Menu Operation

4.1 Preview interface

Check the preview of camera, and it will also show some basic info, except date and time

- ① Login to platform status
- ② WIFI signal
- ③ SIM card status
- ④ Battery
- ⑤ The available recording time for Memory card
- ⑥ Memory card available capacity
- ⑦ longitude and latitude
- ⑧ Current video resolution



: Short-Cut key for media settings.



: Short-cut key for playback.

4.2 Main Interface

Press the home key on the screen, you will get in the main menu.

Camera: The preview interface.

Playback: Playback the history file.

System Settings: Set the record, media, network and system.

Application: Install the third-party application via ADB command.



4.3 Playback

Press "**Playback**" icon on main interface, enter the playback list. Select one and click the "Play" icon.



: Switch between Audio, video and picture.

Return to the previous interface by **Return** icon at the bottom of screen.

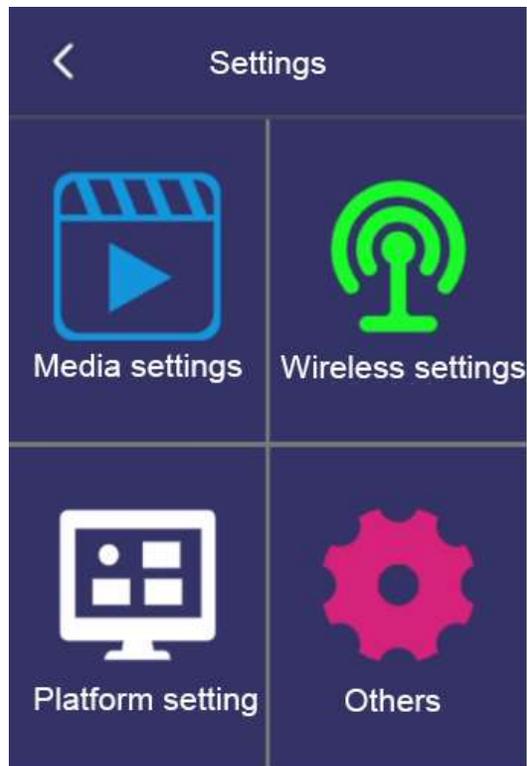
Notice:

1. For default mode, it lists files by **IMP** (important) files first.
2. For "Time mode" (click to switch), it will sort all files by date and time order.
3. If client watch live streaming via platform, device will record also.

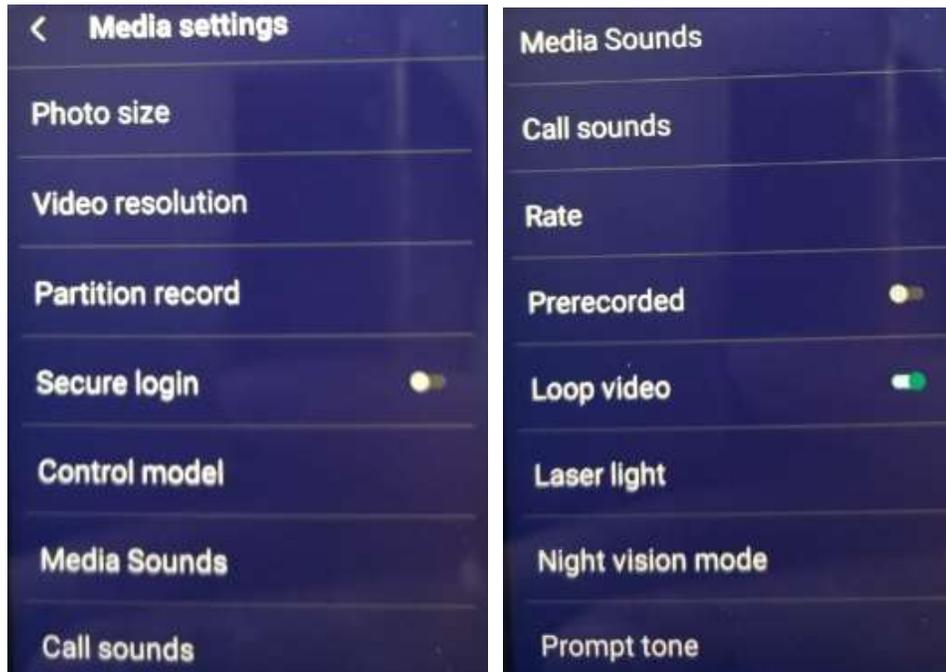


4.4 System settings

Press the System settings on the screen, it will display as below

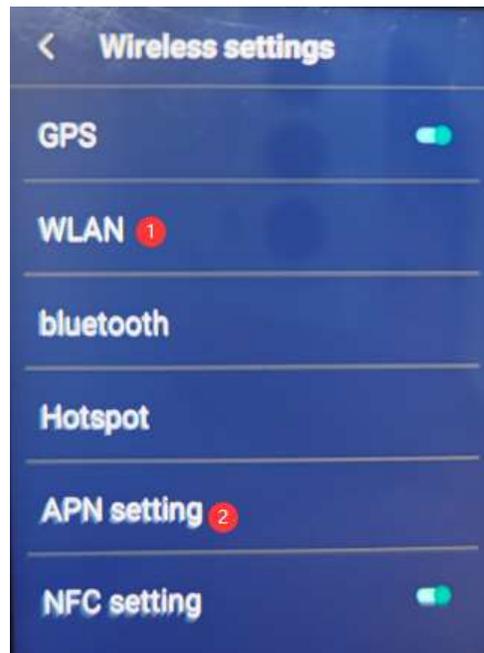


4.4.1 Media settings

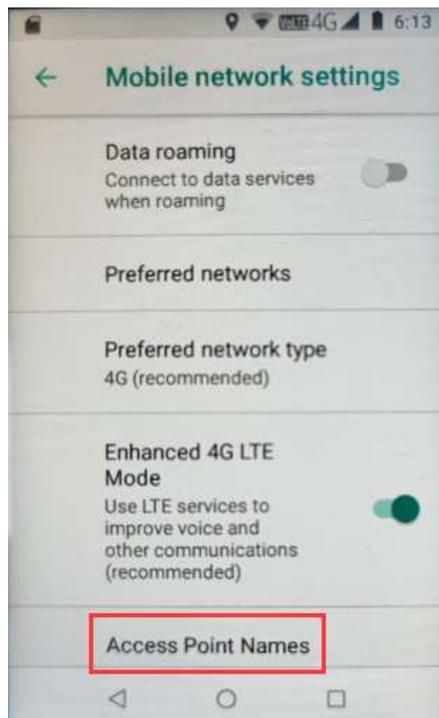


1. **Photo size** :2MP,7MP and 20MP for option.
2. **Video Resolution**: 720P or 1080P for camera.
3. **Partition Record**: 5/10/15/20 minutes for each video length.
4. **Sound**: Adjust the loudness.
5. **Secure login**: After you turn it on, need input the password for Camera & System setting and Application menu.
Default user password is **111111** , Which you can change it in Others---Change Security Password.
Attention:1. The administrator password is **siera**
2.After the password is turn on, you need to input the password if power off device.
6. **Control mode**: Auto Record mode (Recording when device power on), Control video mode (Need press the Record key to start recording).
7. **Media Sounds**: The volume of playback media file.
8. **Call Sounds**: The volume of call/speak voice.
9. **Rate**: Frame's rate, Low, Middle, High for video.
10. **Prerecorded**: Prerecording time for video, the default is 10s after you turn it on.
11. **Loop video**: Support the loop video to cover the oldest one.
12. **Laser light**: Click to turn on the Laser light, click again to turn it off.
13. **Night vision mode**: High/middle/Low/close for option, High means more brightness for IR LED.
14. **Prompt tone**: Voice mode or Shake mode for reminding.

4.4.2 Wireless settings

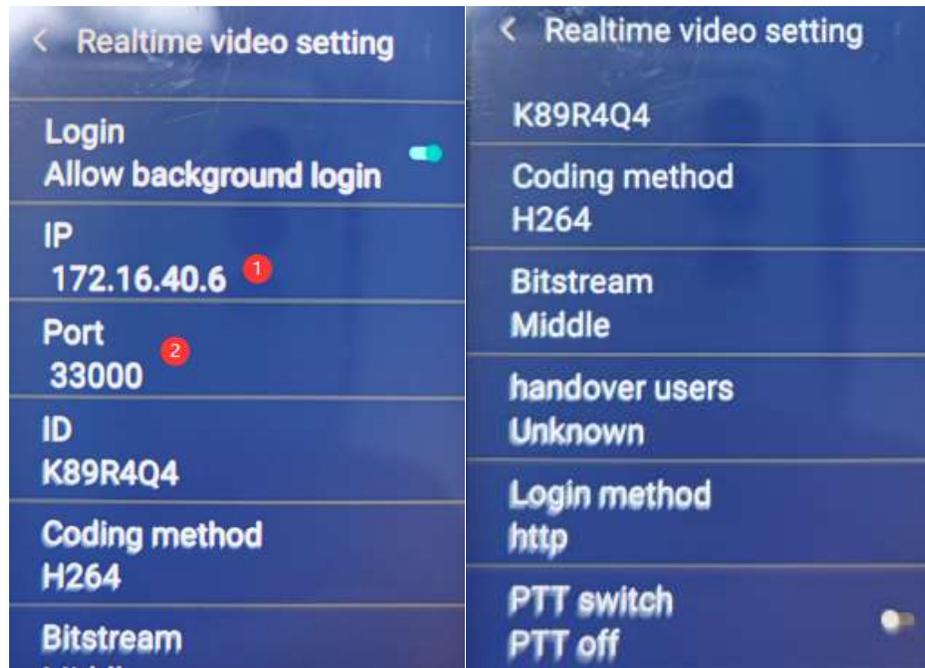


1. **GPS:** Turn on/off GPS function.
2. **WLAN:** Turn on the WIFI SSID list, and connect it.
3. **Bluetooth:** Turn on/off Bluetooth.
4. **Hotspot:** Create an AP for other devices.
5. **APN setting:** Make sure you have installed a working SIM card first. Ask the SIM card carrier for the APN info, edit it.



6. **NFC Settings:** Not available.

4.4.3 Platform setting



A. Real-time video setting

Login: Allow background login, keep it on.

Notice: The turn on/off password is zbkj006

IP: Input the platform's server IP address.

Port: 33000. It's fixed.

ID: Device ID for device.

Coding method: H264/265 for option.

Bitstream: Sub-stream for live streaming. Low/middle/High for option.

Handover users: Not available.

Login method: Http or HTTPS.

PTT switch: Not available.

B. Message(N/A)

4.4.4 Others

Click "Others", it will show some basic information about device



1. About

It contains system firmware (FW)version, IMEI, Device ID and APP version.

Attention: Use IMEI for adding in server platform.

2. Update

The firmware version of device.

3. Dormancy

Auto Turn off screen time when you no operate, which you can change the duration, from 15 seconds to 30 minutes.

4. Screen Brightness

Change the brightness of screen, slide the button to adjust.

5. Key Control

Enable/Disable the SOS/Video/Audio/Photo/Lamp key control function.

6. Change Security Password

Change the normal user password, the default is **111111**.

7. GPS upload interval

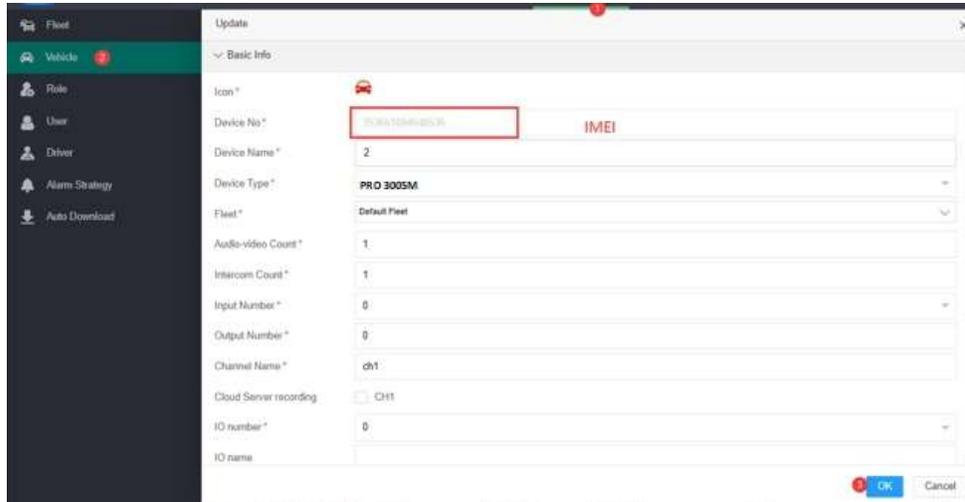
The GPS upload interval to VMS platform. Default is 10 seconds; you can change 10 seconds to 5 minutes.

8. Click to test authorization

5 Operation On Server Platform

5.1 Add the device

Go to Management--Vehicle, then click Add Vehicle.



Input the IMEI which get from the device, then set the device type. Click save.

Device Type: Choose 2 channel devices.

Audio-video Count: 1.

Channel name: ch1 or rename it.

5.2 Live Page



Click the device to get the location.

For live streaming, double-click the icon.

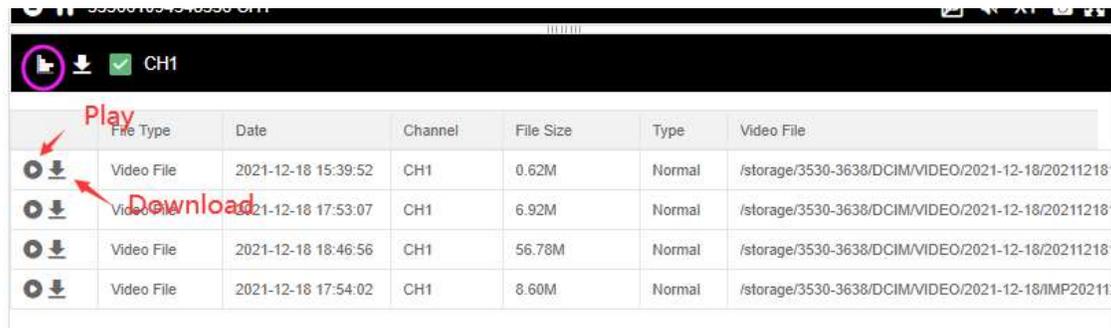
5.3 Playback

1. Recorded videos



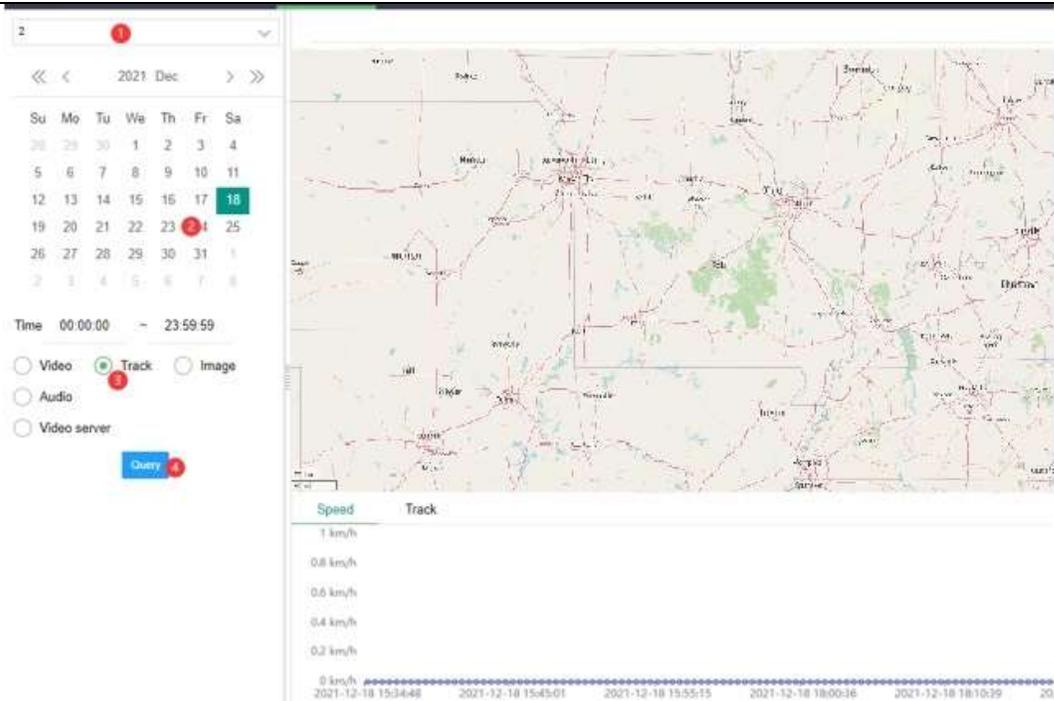
Select the device, data and time, type, then search the device, all available videos [Green color] will be list by timeline. Double-Click to playback.

It supports display by file list, which you can also playback or download.



2. Playback the Track

Select the device, data and time, type, then search it, it will display the whole tracks on the map. Zoom in to get more details.



5.4 SOS

The SOS alarm button report could be searched from platform. The operation as below:

