I. Product Overview

Law-enforcement recorder (Police body worn video camera) is the latest enforcement field audio and video recorder product of our company, applying multiple latest video and audio processing technologies. All the scene of law enforcement, law executors can use the camera to collect evidence, standardize law-enforcing conduct, play back the picture of scene and assure the accuracy and fairness of law enforcement.

II. Main Features

Function of strong night vision, able to see the facial appearance of humans clearly within 10m in complete darkness.

- Double-filter switcher, no color cast in the daytime, clearer in the nighttime.
- Unable to look up or delete the data of recording files, unless authorized.

One key remote operation (optional).

- GPS function (optional).
- Function of character superimposition, all videos and pictures will be attached with time, device ID, police ID and other information, they are unable to be edited or rearranged, providing more effective legal evidence.
- Super-long filename, filenames of all video files include device ID, time, police ID and other information, convenient for data archiving and retrieving.
- Can be fitted with external camera (AVIN function). Cameraworks of various models are available, such as Bluetooth camera, button camera, and camera equipped on the brink of hat, etc.
- Full HD 1080P video recording.
- Three main functions, namely video recording, photo-shooting and sound recording.
- Able to play back the audio record, video record, and picture. Video data will be partitioned and saved automatically, avoiding the data loss caused by faulty operation.
- Three kinds of operation prompts, namely vibration, LED light and sound.

III. Performance Indicators

- 2.0 inch LCD display
- Frame Rate: 30 fps or 60fps
- Video bitrate: 2.5Mbps/5Mbps
- Video: AVI, H.264 compressed
- Resolution ratio: 1920*1080, 1440*1080, 1280*720, 848*480H
- Photo: JPEG, 4608*3456
- Wide angle: 140°
- Illumination requirement: day and night (auxiliary IR)
- Battery capacity: 2500mAh
- Memory capacity: 16GB/32GB/64GB
- USB: 10th-speed communication
- Contour dimension: 94*61*31mm
- Weight: 175g
- Operating temperature: 0~60°C
- Working relative humidity: 40%~80%
- Storage temperature: -20~55°C
- Storage relative humidity: ≤93% (40°C)
- Waterproof level: IP67
- Drop resistance level: 2 meters
- Same-reverted shell

Reference Data:

- Battery capacity: 2500mAh
- Full charge time: 180 minutes
- Standby time: 600 minutes
- Continuous recording time: 488 minutes (battery full charged, IR closed, resolution ratio 640*480)
- Remote control distance: more than 3 meters

IV. Quick Use

- Power: On/Off
- Press the power switch button of law-enforcement recorder for 3 seconds, the camera will be turned on and enter the standby mode. Under any circumstances, press the power switch button for 3 seconds, the camera will be powered off. If no operation is conducted in the law-enforcement recorder for 3 minutes after it is turned on, the camera will be powered off automatically and enter the power saving mode.
- Video-recording:
  - After turned on, the camera will directly enter the camera preview mode, directly press the recording button to record, the camera will give two short vibrations, the red indicating light on its top will blink, under the video-recording state, press the recording button again, the camera will give two short vibrations come with beep prompt, the indicating light will stop blinking, the camera will stop and save the video.
  - Under the power-off state, press the recording button for 3 seconds, the camera will be turned on automatically and start the video-recording function, at this time, if needing to end and save the video, methods are as above. In case of shooting at dark night, press the IR button, then the IR light will be turned on and enter the night shooting mode, pictures shot at night are black and white.
- Photo-shooting:
  - After turned on, the camera will directly enter the camera preview mode, directly press the photo button to shoot photos, in case of shooting at dark night, turn on the IR light or white light of the camera to shoot.
  - Under the video-recording state, press the photo button to capture the picture recorded at that time.
- Sound recording:
  - After turned on, the camera will directly enter the camera preview mode, directly press the sound-recording button to record sound, at this time, the camera comes with prompts of beep, vibration, and blink of yellow indicating light default will display on the background. Under the sound-recording condition, press the sound-recording button again to end and save audio file.
- Playback:
  - The law-enforcement recorder is designed with one-touch playback button and quick playback button. Under the standby state, press the one-touch playback button, the camera will play back the content shot at last automatically. If needing to play back selectively, press the playback button and then the playback menu to carry out operations.
- Picture playback:
  - Under the video-browsing state, press the playback button to enter the playback menu button, select to enter the picture playback mode, press the Up button or the Down button to select the picture you want to view, press the OK button to select the picture you want to view. When choosing the slideshow mode to play pictures, pictures will be played in cycle under the slideshow mode.

V. Parameters Setting

Resolution: Under turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select Video quality. Press “Up”, “Down” to select the suitable video quality. And press “OK” after selecting. Press “Back” to return to the previous menu.

Video Quality

Under turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select Video quality. Press “OK” button to enter. There are three levels includes Fine, normal and super fine. Press “Up”, “Down” to select the suitable video quality. And press “OK” after selecting. Press “Back” to return to the previous menu.

Audio playback

Under turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select Video playback. Press “OK” button to enter. The duration includes dure time interval (1min, 10min, 15min, 30min), and max or min. Divide the file given duration. Press “Up”, “Down” to select the suitable interval. And press “OK” after selecting. Press “Back” to return to the previous menu.
Capture
Capture means continuous photos shooting when press the camera button once in the preview or process of recording. After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Capture. Press "OK" button to enter. Capture has three options of Off, 3 and 5. Press "Up", "Down" to select the suitable times for capture. And press "OK" after selecting. Press "Back" to return to the previous menu.

Volume
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Volume. Press "OK" button to enter. Volume has 14 levels from 00 to 13. Press "Up", "Down" to select the suitable volume. And press "OK" after selecting. Press "Back" to return to the previous menu.

Photo Size
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the suitable size of photo. And press "OK" after selecting. Press "Back" to return to the previous menu.

Beep Sound
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Beep Sound. Press "OK" button to enter. Choose on or off by pressing "Up" or "Down". Press "OK" button to confirm. Press "Back" to return to the previous menu. User can enable the prompt sound or disable the prompt sound.

Time Setup
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Time Setup. Press "Up", "Down" to change the year. Press "OK" button to revise the month and so on. Finally press "Back" to confirm.

Language
The camera has two languages of Chinese and English. After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Language. Press "OK" button to enter. Press "Up" or "Down" buttons to select Chinese or English menu. And press "OK" after selecting. Press "Back" to return to the previous menu.

ID Number
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of ID Number. Press "OK" button to enter. Press "Up", "Down" to select the given number. Press "OK" again to change the given number by pressing "Up" and "Down". Then press "Back" to confirm.

Pre-recording
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Pre-recording. Press "OK" button to enter. Choose on or off by pressing "Up" or "Down". Press "OK" button to confirm. Press "Back" to return to the previous menu. The camera will pre-record 5 secs before pressed the record button.

Last recording
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Last-recording. Press "OK" button to enter. Choose on or off by pressing "Up" or "Down". Press "OK" button to confirm. Press "Back" to return to the previous menu. The camera will keep on recording for 5 secs after end recording.

Reset System Settings
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Reset System Settings. Press "OK" button to enter. Choose on or yes by pressing "Up" or "Down". Press "OK" button to confirm. Press "Back" to return to the previous menu.

Firmware Version
After turned on, in the mode of preview, press the menu button to enter into the interface of parameters setting and select the option of Firmware Version. Press "OK" button to enter. Then the firmware version will display on screen. Press "Back" to return to the previous menu.