

Instruction Manual & Warranty Card

Video Law Enforcement Recorder



Preface

Thank you for choosing the single police audio and video law enforcement recorder. I hope that our products can contribute to your hard work of law enforcement!

1.Introduction

The single police audio and video law enforcement recorder developed by our company contains a number of latest positioning and audio and video processing technologies, with comprehensive functions and reliable performance. Law enforcement officers use the equipment in law enforcement on-site missions to record in real time, collect evidence, standardize law enforcement, and truthfully document the enforcement process to ensure more accurate and fair

2.Parameters

| Project | Parameters |
|---------------------------|--|
| Video | |
| Sensor | GC4653 4Mega CMOS |
| Chipset | Lianyong NT96675 |
| Pixel Size | 8448×4752(40M)/7600×4276(32M)/ 6144×3456(21M)/5336×3000(16M)/ 4032×3024(12M)/3648×2736(10M)/ 3264×2448(8M)/2592×1944(5M)/ 2048×1536(3M)/640×480(VGA) |
| Resolution of video | 2560x1600/2560×1440/2304×1296/1920× 1080/1280×720 |
| Video Format | MP4 H.264&H.265 |
| Fast forward backwards | 2X, 4X, 8X |
| Audio format | WAV |

| | |
|-----------------------|---|
| Video output | Type-C |
| Photo Format | JPEG |
| Pre recording time | Up to 30 seconds |
| Time of delay | Up to 1 minute |
| Quality of video | Best/quality/standard |
| Segmented time | 5min/10min/15min |
| Watermark | User ID,Time and Date Stamp (and GPS) |
| Camera | 4 million camera |
| snapshot | Supports capturing photos during video shooting |
| Memory capacity | 32G /64G/128G |
| One click recording | Supports one-click recording |
| Infrared light Switch | Automatic/Manual |
| GPS positioning | Built-in (optional Beidou, GLONASS, etc.) |
| display screen | 2.0-inch IPS HD display |
| Video camera | |
| Angle of view | Wide Angle 140° |
| Night vision shooting | Support -- Built-in four high-intensity infrared lighting systems;You can see faces from 10 meters away |
| Clip | High quality 360° rotating metal clip |
| External Camera | Support |
| Battery | |
| Type | Standard 3.8V lithium-ion polymer battery 4000mAh |
| Charge duration | 5-5.5H |
| Time of use | Working 13 hours at 720P |
| Other | |
| Specifications | 96 mm *62 mm *31mm |
| Class of protection | IP67 waterproof/dust-proof / 3-meter fall proof |
| Weight | 160g (5.64oz) |

3.Operation Instructions

Press the switch on and Off button  Start up and enter the standby screen.

Press the "Recording Function" key  Start recording.

Long Press the "Recording Function" key  Switching resolution.

Press the [Photo] button  Take pictures.

Long Press the [Photo] button  Turn on the flash light.

Press the Camera button  Video recording.

Long Press the Camera button  Open the WIFI Mode.

Press the "infrared Night Vision Light" button  at night Turn on the shadowless infrared night vision light and press and hold to turn on the white light.

Press the "OK" key  Enter the video, photo and recording folders respectively to select audio and video materials and select confirm before playing.

Short press **【 Menu 】**  can set the functions and parameters of the machine.

Press **【 Switch 】**  can return to the previous interface.



4.Key Description



5. Basic Operation Instructions

1. Power On

Power On: Press 【Switch】 for two seconds, prompting sound, the green standby indicator lights up and the screen enters the real-time monitoring standby state.

2. Voice Recording

In real-time monitoring standby mode. Short press 【 voice recording 】 , fuselage vibration, yellow recording indicator Flashes, then start recording, press 【voice recording】 again, stop recording , fuselage vibration, yellow recording indicator is Off, recording saved.

3. One-click recording

When the machine is turned off, press and hold the 【voice recording】 (about 4 seconds), the machine will start recording.

4. One-click switching video resolution

Only in the standby state of the machine, Press and hold the 【 voice recording 】 (about 4 seconds), the machine will automatically switch

5. Camera

Monitor the standby status in real time. Short press the 【 Camera 】 , shoot and save photos ; Press and hold the 【Camera】 (about 4 seconds) in the standby mode to turn on the LED white light flashing, the white light will flash at a certain frequency.

6. Video recording

Monitor standby status in real time, Short press the 【 Video recording 】 , fuselage vibration, Voice prompt "start recording " , Red indicator flashes, means start recording, press 【 Video recording 】 again, stop recording, fuselage vibration, Red indicator is off, the recording ends and has been saved. (Note: This item sets the selector switch in the menu, its default state is off)

7. One-click Video recording

During the power off state, press and hold the 【Video recording】 (about 4 seconds) to directly enter the recording work state.

8. Zoom

In real-time monitoring of standby status and recording process, In the real-time monitoring standby screen, short press the 【One-click playback】 to quickly play back the audio and video files of the last operation record. press and hold 【 Up navigation key 】

 or 【 Next navigation button 】  , can achieve adjustment of focal length.

9. Take a photo in the recording video status

In the recording status, short press the 【 Camera 】 once, can capture and save a photo, the recording status is not interrupted.

10. Infrared night vision light switch, LED white light

Real-time monitoring in standby mode or during recording, Short press 【Infrared night vision light switch】 once, turn on the infrared night vision light, press the 【Infrared night vision light switch】 again, turns off the infrared night vision light. When the infrared night vision light is turned on, it can meet the

shooting needs in the dark night environment. Press and hold the **【Infrared night vision light switch】** (about 4 seconds) to turn on the LED white light, then press and hold the **【Infrared night vision light switch】** (about 4 seconds) to turn off the LED white light.

11. Fast forward and Rewind

In the local playback state, short press **【Up navigation key】**  or **【Next navigation button】** , fast forward or rewind 2x, 4x, 8x when playing video, for fast retrieval.

12. Menu selection

When monitoring the standby screen in real time, press the **[Menu]**  to set the machine functions and parameters as follows:

- 1) Video resolution: Adjust the video resolution of the machine, press the "OK" key to confirm, and press the "Up Browse" or "down browse" key to select.
- 2) Photo size: The picture quality and definition of the photos taken by the machine can be selected, which are VGA, 3M, 5M, 8M, 10M, 12M, 16M, 21M, 32M and 40M. Press the OK key to confirm, and press [Up Browse] or [Down Browse] to select.
- 3) Video quality: Adjust the picture quality of the video shot by the machine, which can be divided into three modes: high quality, standard and economy. Press the "OK OK" key to confirm, and press the "Up Browse" or "Down browse" key for selection.
- 4) Video pre-recording: After selecting open, you can record and save

more than 10 seconds of video data in advance before pressing the video key to start recording.

- 5) Video delay: After selecting open, you can press the video key to stop recording, and then delay and save the video data of ≥ 5 seconds.
- 6) Circular recording: When the capacity of the video is full, the earliest video file will be automatically deleted and the current video file will be stored.
- 7) Recording time: the video file of the machine is segmented to select five modes of 5, 10, 15, 30 and 45 minutes respectively. Press the "OK OK" key to confirm, and press the "Up Browse" or "Down browse" key for selection.
- 8) Infrared switch: manual and automatic switch can be selected.
- 9) Motion detection: After selecting Open, when there is an object moving in the picture, the recording will be automatically started until there is no object moving in the picture.
- 10) Screen saver: The screen saver can be closed, 1 minute, 3 minutes, 5 minutes, 10 minutes. Press the "OK" key to confirm, and press the "Up Browse" or "down browse" key to select.

11) Automatic shutdown: Support off, 1 minute, 3 minutes, 5 minutes, 10 minutes mode, short press the "OK" key to confirm, short press the "up browse" or "down browse" key for selection.

12) Indicator: The indicator can be turned on and off.

13) Key sound: Open and close the selection of the machine's key sound.

14)GPS (optional) : You can turn on and off the GPS function. When the machine itself has the GPS function, the screen will display the GPS symbol, otherwise no display.

15) Time zone: -8/+8, you can select the required time zone, the GPS function will automatically adjust the time according to the time zone.

16) File type: After opening the file type function, the machine screen will appear three video classification options (traffic control, criminal investigation, public security three modes to choose), and then through the [upper browse key] or [lower browse key] selection and [OK] key to select the categories to be divided. (Note: This item is set in the menu selection switch, factory default is off state.)

17) Video encoding: H.264 and H.265 are optional.

18) Video audio: You can choose to turn on or off the audio of the

audio of the video.

19) Date label: Optional on/off video watermark.

20) ID broadcast: After selecting Open, the device ID will be broadcast on the device, and voice broadcast will be performed during operation.

21) Vehicle mode: Select open, the machine will automatically record after the USB is inserted, and automatically stop recording after the USB is removed.

22) Vibration reminder: optional on/off vibration.

23) Change password: When password protection is enabled, you can change the password.

24) Password protection: After selecting Open, enter the menu and enter the U disk mode when you need to enter the password.

25) Police Constable number: The Police Constable number can be modified.

26) Device ID: The device ID can be changed.

27) Date/Time: The date and time of the machine can be modified.

28) Default Settings: Initialize the machine's Settings.

29) Version: Check the current version number of the machine.

13. Connect the terminal (PC) to the device

When the terminal is connected to the device, you need to enter the password to read the device disk. After the device is connected to the terminal, click on the device six times until the password is entered, the terminal can read the device disk.

6.Function Description

1. Standby indicator

This indicator is green. When the standby state is monitored in real time, it turns on.

2. The charging indicator

light is red when charging, and green when fully charged.

3. Video indicator Red indicator

When recording, this indicator blinks.

4. Recording indicator

Yellow indicator, when recording, the indicator blinks.

5, the browse button

- Enter the menu mode, press this key in the menu to achieve up or left to adjust the selection of objects;
- This key has the function of adjusting the focal length. Long press this key to adjust the focal length in the standby monitoring picture and video. When playing video, press this key to double,4 times,8 times fast rewind.

6. OK confirm/assist in locating the light source

- Press this key to enter the video, photo, recording file browsing mode, and confirm the operation function;
- Long press this key (about 4 seconds) to turn on the auxiliary positioning light source, and then long press the auxiliary positioning light source out.

7. Add star keys to important documents

- In the camera process, short press this key to star important files can be focused on, the screen will appear key icon.

8. Recording function key

- Press this key to start recording, and press this key again to

finish recording;

- In the shutdown state, long press [Record] (about 4 seconds) to start recording, and then press this key to end recording.
- In the standby state, long press [Record button] (about 4 seconds), will automatically change the resolution.

9. Photo function key

- Short press this key to take photos;
- Long press [Photo button] (about 4 seconds) to turn on the LED flash function.

10. Video function key

- Press this key to start recording, and press this key again to finish.
- In the off state, long press the "Video function" key for 4 seconds to directly enter the video work state.

11. Menu/Browse button

- Press this key to enter the system setting interface; Press this key to select objects to adjust down or right while browsing files.
- In addition, this key has the function of adjusting the focal length. Long press this key to adjust the focal length in the standby monitoring screen and video;

When playing a video, press this key for 2x, 4x and 8X.

12. Shadowless infrared night vision lamp

- Click to turn on the shadowless infrared night vision light to assist proofreading the shooting target. Press again to turn off the shadowless infrared night vision light;
- Long press this button (about 4 seconds) to turn on the LED lighting function, and long press again to turn off the LED light.

13. USB interface

- This interface is connected with the computer to read the machine data, charging function.

14. AUX/OUT interface

Connect the external camera, and display, record, and video the images and sounds of the external camera.

15. Switch on/switch off/lock screen/Return key

- Long press this key to turn on the machine when the machine is off. Long press this key to turn off the machine when the machine is on standby or recording.
- Press this key to close the screen in standby or working state, and press it again to open the screen.
- In the system setting interface. short press this key to return