Product Name	**GAOTek 4 G WIFI GPS Camera**
Product SKU	**GAOTek-SCA-124**
Product URL	https://gaotek.com/product/gaotek-4-g-wifi-gps-camera/

Contact us: sales@gaotek.com
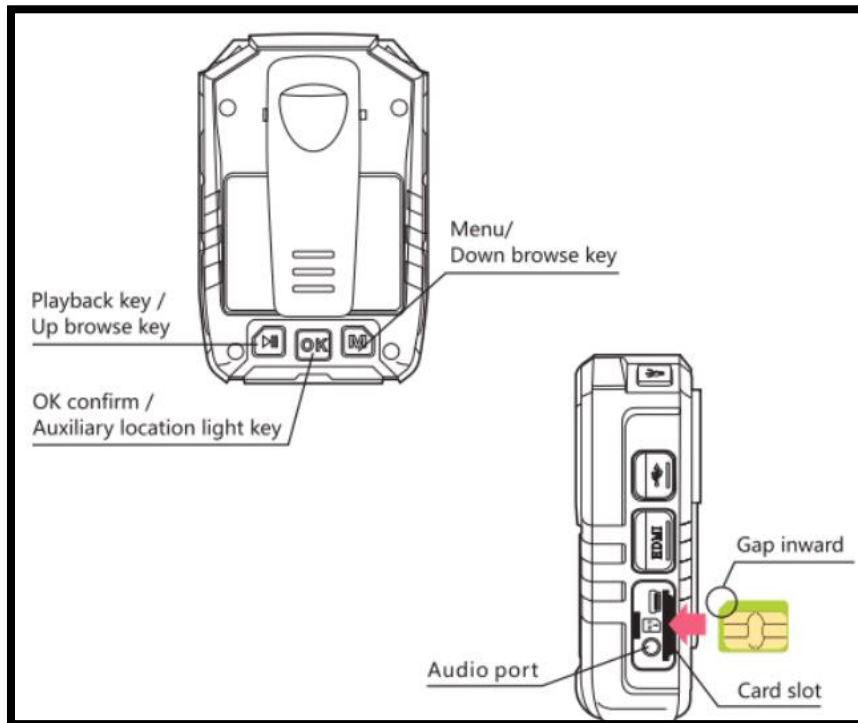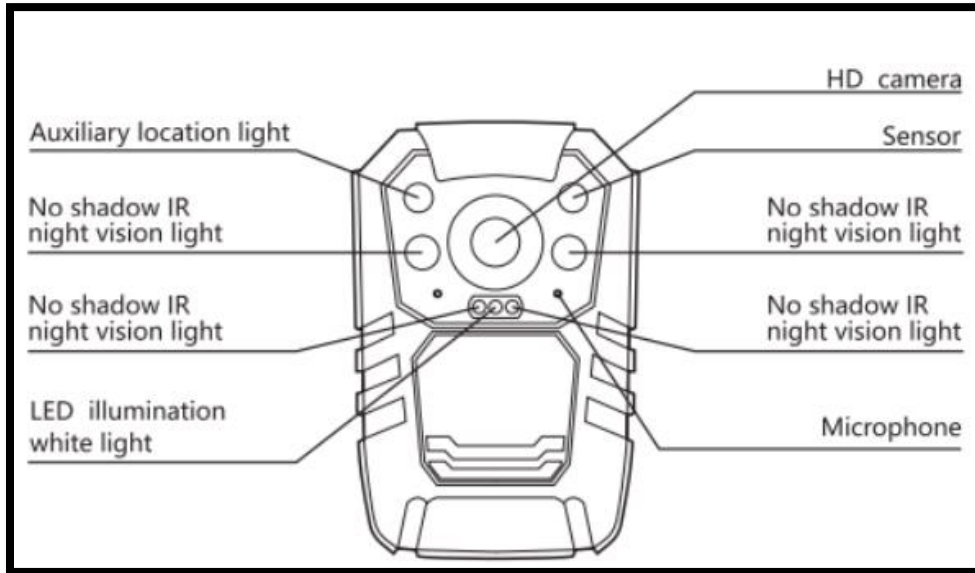
Contents

GAOTek 4 G WIFI GPS Camera

1. Product Overview:

The 4G/Wi-Fi Police Body Worn camera developed by us has many process technologies such as 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.
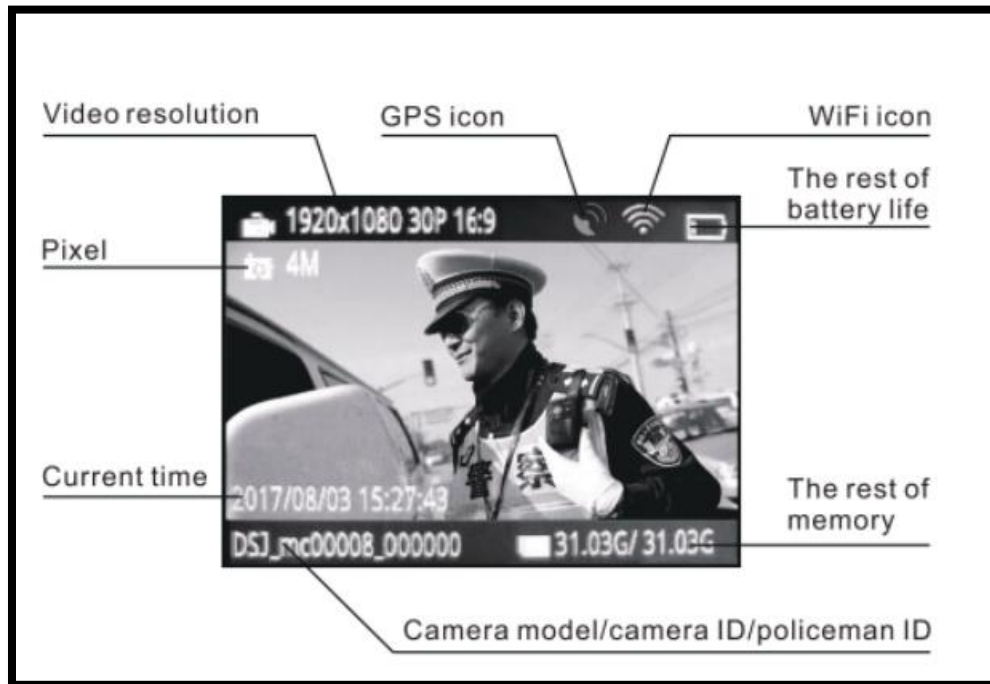
2. Product Features:

Item	Parameter
Max Pixel	40 Mega Pixels
Video Resolution	2560*1440 / 2304*1296 / 1920*1080 / 848*480
Display Screen	2 inch TFT-LCD HD Clear Color Display Screen
Wide Angle	140° Wide-Angle Lens, Image Without Deformity
Memory Capacity	Build-in 32G/64G/128G Optional
Video Encode Format	H.264/H.265
Battery Capacity	Built-in 3500 mAh Lithium
Continuous Recording Time	Continue recording time up to 9 hours (battery full charged, 4G/WIFI/GPS/IR closed, and resolution ratio 1280*720 30p)
Shoulder Microphone	Support All Kinds of Walkie-Talkie
Positioning System(Optional)	GPS / Beidou Positioning
Car Mount(optional)	Support
External Power Supply(optional)	Support

3. Appearance and Key Description:

Auxiliary location light

No shadow IR night vision light

No shadow IR night vision light

LED illumination white light

HD camera

Sensor

No shadow IR night vision light

No shadow IR night vision light

Microphone

Playback key / Up browse key

OK confirm / Auxiliary location light key

Menu/ Down browse key

Gap inward

Audio port

Card slot

4. Display Screen Description:

5. Basic Operations Description:

- **Boot up The Camera**

  Press ⏻ for 2 seconds, the camera will vibrate and beep on with green LED, and enter to standby mode with screen lighted up.

- **Audio Recording**

  Short press 🎙 , the camera will start recording audio with vibration and flashing yellow LED light. Press 🎙 again to end recording, and the audio will be saved automatically with vibration and yellow LED light off.

- **One Key Audio Recording**

  Long press ⬇ for 3 seconds to start audio recording when the camera is off.

- **Combination Function of Photo Taking**

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

  Long press key 📷 for 3 seconds to turn on LED flash light, and the light will flash under a specific frequency. Long press it again to turn it off.

- **Video Recording**

  When the camera is in standby mode, short press 📹 , the camera will vibrate with voice Guide Law-enforcement, video recording start , then a small red video light flash on the left top of the screen, which indicates the video is recording. Press 📹 again, the camera will vibrate and end recording, the red video light off, and the video will be saved automatically. (Note: this function is closed in default)

- **One Key Video Recording**

  Long press 📹 for 3 sconds to start video recording when the camera is off.

- **Laser Pointer**

  Long press OK for 3 seconds to turn on laser point light. Long press it again to turn it off.

- **Snapshot Under Video Recording**

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

- **Switch Between IR and LED White Light**

  Short press [icon] to turn on IR red light when at night or dark environment.

  Press it again to shut down in video recording or standby mode. Long press [icon] to turn on LED white light. Long press again to turn it off.

- **Ok Confirm**

  Short press [OK] to get into video, photo, audio folder and select a file to play. Long press [OK] for 4 seconds to open laser point light, do it again to turn off.

- **Fast Forward and Fast Reverse**

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

- **Menu Selection**

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

Setting	Description	Options
Video Resolution	The image resolution for video	2560×1440 30P, 2304×1296 30P, 1920×1080 30P, 1280×720 30P, 848×480 30P
Photo Resolution	The image resolution for photos	40M, 36M, 21M, 16M, 14M, 8M, 4M,
Quality	The quality of the image for video and photo files.	High, Mediul, Low
Video Encode Fomat	Higher encoding format save more memory space.	H.264, H.265

Pre-record	When on, any video you record will include some of the time that elapsed before you press the Record button (stored in the camera buffer); When off, any video you record will include only video and audio from the point after you press the Record button.	Off, On
Delay Record	The amount of the time the camera waits to stop recording video after you press the Record button.	Off, 30 sec, 1 minute, 1 minutes, 10 minutes, 30 minutes
Loop Recording	When on, camera will overwrite the oldest video file with the most current video file once its memory is full.	Off, On
Burst Shot	The number of images captured when you take a photo.	Off, 2, 3, 5, 10, 15, 20

4G WiFi	Network Connection types	4G:off,WiFi:off 4G:off,WiFi:on 4G:on,WiFi:off
Live Streaming	Image resolution for live stremaing	HD 30P, HD 15P, WGA 30P, WVGA 15P, VGA 30P, VGA 15P
GPS	When GPS is on, position of video will be recorded and can be reviewed by GPS player. (GPS satellite signal only works in outside)	Off, On
Time Zone	Adopt local time in real time zone	-12 to +12

LED Light	When on, indicator LED will tell the status of the camera; When off, camera is entering covert mode	On ,Off
Language	The language of the text in camera interface	English, Русский, Jezyk Polski, Español, Français, Jazyk:etina, українська
Infrared LED	When set to manual, you will need to hold Snapshot button to turn IR LEDs on/off. When set to Auto, these lights will activate automatically based on the light sensor's reading.	Manual, Auto
Recording Warning	When on, you will hear a voice confirmation when you start recording. When off, voice confirmation is disabled.	Off, On
Police Warning	When on, the camera will announces the police ID when start recording.	Off, On

6. Indicator Light:

- **Standby Indicator Light (GREEN)**

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

- **Charge Indicator Light (RED)**

  The light turns red during charging, and turns green 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 hangup.

- **Play Key/Page Up Key**

Short press this key to enter the playback interface.

When review files, press this key to page up.

- **Combination Key /Laser Pointer Key** OK

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

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

turn it off.

- **Two Way Communication Key (Talkback Key)**

In the status of live stream off, when camera is connected with walkie-talkie, long

press this key can realize intercom function.

In the status of live stream on, choose talkback by Device microphone & speaker in

menu and long press this key to realize communication with surveillance center.

- **Audio Recording Key /One Key Audio Recording Key**

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

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

recording, press it again to stop it.

- **Photograph Key /LED Flash Light Key** 🔲

  Short press this key to take photo.

  Long press to turn on LED flash light function.

  Press this key to snapshot when camera is recording.

- **Video Recording Key /One Key Video Recording Key** 🔲

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

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

  When camera is in live stream status, long press this key to alarm.

- **IR Night Vision Light Key /LED Illumination Light** 🔲

  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.

  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.

- **AV IN Port** 🔲

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

7. Wi-Fi Function and Operations:

- **4G Function**

   1. Open the cover on AV IN/AV Out port, and insert an activated SIM card.

   2. Long press the power button ⏻ to power on the camera.

   3. Press the menu button [M] to select 4G on/WiFi off, afterwards choose the selection of "reboot" . After the reboot, please power on the camera again.

   4. After powering on the camera, it needs 15 seconds to connecting with 4G signal. When connecting 4G successfully, there is 4G icon in GREEN in the left side of the LCD.

- **WiFi Function**

   1. Press the menu button [M] to select 4G off/WiFi on, afterwards choose the selection of "reboot" . After the reboot, please power on the camera again.

   2. After powering on the camera, it needs 15 seconds to connecting with WiFi signal. When connecting WiFi successfully, there is WiFi icon in GREEN in the left side of the LCD.

- **Tips**

   1. After format the camera, need to configure 4G/WiFi information again.

   2. Inserting or pulling out SIM card is forbidden when camera is on.

   3. If camera lose 4G/WiFi connection, it will shows white logo with red cross.

   4. When camera is in real time live streaming, please take it away from the surveillance computer to avoid signal interference.
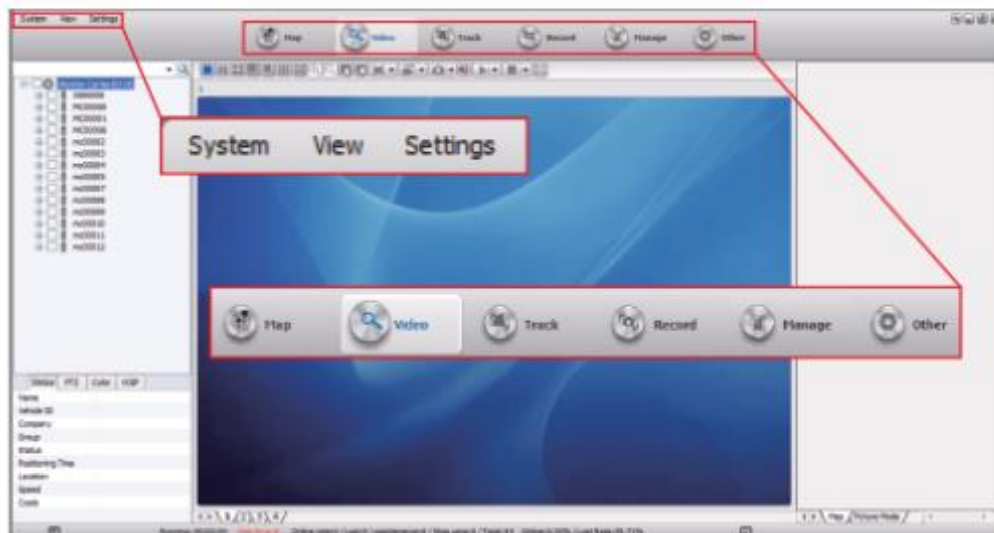
8. CMSV6 Guidance:

Run CMSV6 to Start The Software, See Below

Please ask the sales about the Login ID and password for CMSV6.

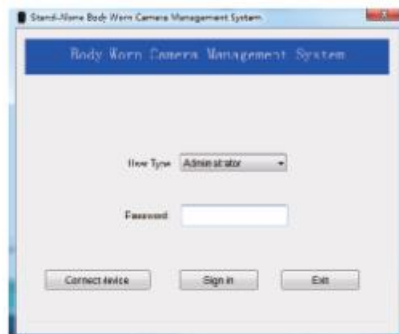### Main Interface is as Follows

9. Camera Management System:

- ## Connect with camera

  1. Install driver in computer. (If you install it before, no need to install again. If no, ask sales to offer driver and installing instruction)
  2. Turn off camera and connect it with computer by USB. (Don't enter password on camera)

- ## Login the management system

  There are two roles(Administrator and User) for your selection when login. User can read the camera information and calibrate time, to revise user password and enter to camera disk is also allowed.

  Administrator has the highest authority to manage the cameras.

  Login steps: Enter password-connect device-login
  Default password: 000000

- ● **Settings**
  Time setting
  Click "calibration time", camera time will be synced with computer.

- **Parameter setting**

  Click "read" , you can check the camera's current resolution and the remaining battery capacity.

- **ID setting**

  Click "read" , you can check the current camera ID, police ID, department, user name and department name, if need to revise those information, type them directly to the corresponding columns, then click "setting" .(Camera ID should be coincident with server setting, or it can't connect with server)

- **Network setting**

  1) If user need to use WiFi STA mode, wifi and server information should be configured first.
  2) If user need to use 4G function, only need to configure server information.

  (Note: In 4G setting, please leave other settings in default except the WiFi SSID, WiFi Password and Server IP address.)

Password Setting

- User and administrator can revise camera password here, remember to click "setting" after revising. (In user mode, it can revise common user's login password only, but in administrator mode, it can revise the all passwords)

Enter to U-disk mode

- Click "enter to U-disk", it will cut off the connection with management software and enter to U-disk, data's delete and transfer are allowed in this mode.

Page up/Exit

- Click "page up", system will back to login interface.
  Click "exit", it will cut off connection and exit system directly.

10. Cloud Monitoring and Talkback:

- It can monitor the device and communicate with the device user. (For more information, please reference "CMSV6 System User Manual" 4.5.9 Voice Communication)
- It also can realize cluster talkback function on the CMSV6 System.

11. Drivers Installation:

1.Unzip Files

Unzip the Windows.rar to release the Windows7&Above and WindowsXP files.
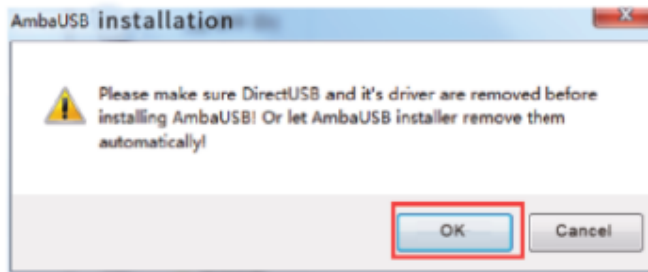
2.Windows

Open the Windows, you can see the Windows7&Above and WindowsXP files, the Windows7&Above file apply to the Windows7 &above systems installation, and WindowsXP files apply to the XP system installation. Please install the software according with your PC system.

3.Driver installation instruction

Installation instruction of 32bit Wind7 OS as below.

① Click it and enter, there are two files with win32b and win64 setups, please select the one according with your PC system.

②Click "AmbaUSB-win32-Qt5-Win7-3.4.8-Setup" , it pop-up a "AmbaUSB installation" window, click confirm button.

③ It pop-up a window as below figure after click the confirm button, and click "next step"

④ Choose the install path, click "install" .