

THE GUARDIAN D5 Mini

USER MANUAL



About this Guide

The content in this document is for information purpose and is subject to change without prior notice. We have made every effort to ensure that this User Guide is accurate and complete.

However, no liability is assumed for any errors or omissions that may have occurred.

The manufacturer reserves the right to change the technical specification and accessories without prior notice.

Caution

Do not expose battery being placed in high temperature environment. If battery leaks or bulges, stop to use.

Risk of explosion if battery is placed by an incorrect type.

Dispose of used batteries according to the instructions.

Never replace the battery on your own. Doing so may cause the damage or explosion. Please have the dealer do it for you.

Do not put the LCD displayer or lens under the sunshine.

Note

A specific emission frequency may influence the image quality.

Please try a few times of video-taking test before you formally use this product in order to be familiar with this product.

Always full charge the battery before use.

Never dismantle, crush, or pierce the product, or allow the product to short-circuit. Please persuade for professional assistance if the product doesn't work properly.

Before you start using this product, it is assumed that you agree to the above statement.

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This camera is new generation video recorder of High Efficiency Video coding (HEVC, H.265) and low power consumption. If you record videos by using H.265 coding format, it is suggested to download Media Player Codec Pack (check below link) to assist to play back H.265 videos on windows Media Player.

<https://www.mediaplayercodecpack.com/>

1. Introduction

Thank you for purchasing this product. This camera is specially designed for video recording, audio recording and photo shooting. Please read the user manual before you start to use it.

2. Box contents

- Body Camera
- Charging Dock
- USB Cable
- Wall Charger
- Epaulette Clip
- Rotatable Crocodile Clip
- User Manual

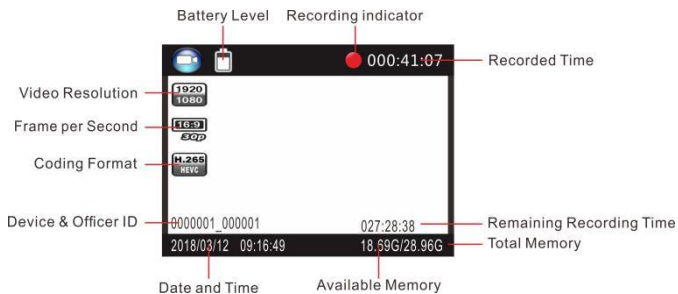
3. Product Overview



Item	Description
1. Status Indicator LED	<p>Still Green: camera is in standby mode (Power on but not recording)</p> <p>Still Red: camera is on pre-recording mode</p> <p>Flashing Red: camera is recording video</p> <p>Flashing Yellow: camera is recording audio only</p>
2. Charging Indicator LED	<p>Blue: Charging Status</p> <p>White: Camera is fully charged</p>
3. Pogo Pin	Connection port to charging dock
4. Lens	Capture high resolution images/videos
5. Infrared LED	Providing infrared light compensation in low light conditions, to help camera record good quality video with clear face view up to 10 meters
6. Flashlight	Hold Fn button to turn on/off flash light
7. Light Sensor	Detect changes of light and turn on/off IR for low-light recording automatically
8. USB Port	For power charging or data transmission
9. Snapshot Button	<p>a) Press to take photo in standby mode</p> <p>b) Press to take a snapshot while camera is in video recording mode</p> <p>c) press to switch between video, photo and audio when playing back files.</p>
10. Audio Recording/ Mute	<p>a) Press to record audio when camera is in standby mode</p> <p>b) Press to enable/disable video mute when camera is in video recording mode</p>





11. LCD Screen	View camera status and playback recorded files
12. Playback & Scroll Up Button	<ul style="list-style-type: none"> a) In Menu or Playback mode, short press to scroll down next page or file b) In standby or video recording mode, hold to zoom out c) In standby mode, press to review files d) In playback mode, press to rewind video
13. OK Button	<ul style="list-style-type: none"> a) In menu set-up, short press to make a selection b) In playback mode, press to pause/resume video or audio playback
14. Menu & Scroll Down Button	<ul style="list-style-type: none"> a) In standby mode, short press to enter menu set-up b) In Menu or Playback mode, short press to scroll down next page or file c) In standby or video recording mode, hold to zoom in d) In playback mode, press to fast forward video
15. Video Recording Button	<ul style="list-style-type: none"> a) In power-on mode, short press to start/stop recording b) In power-off button, hold for 3 seconds to power on camera and execute video recording function.
16. Fn Button	<ul style="list-style-type: none"> a) Press to turn IR LED on/off when IR mode is manual b) Hold to turn on/off flashlight
17. Power Button	<ul style="list-style-type: none"> a) Hold 3 seconds to power on/off camera b) In power-on mode, short press to turn on/off LCD . c) Short press to exit to previous interface when navigating setting or playing back files

LCD Interface:



4. Main Menu Optional Detail





To enter the setting menu:

1. Press Menu button  and then enter the password.
2. Enter the password by the following commands:
 - Press Scroll Up button  to change the character to the previous letter or number.
 - Press Menu button  to change the character to the next letter or number.
 - Press OK button  to confirm and move to the next character

PS: The default password is 000000.

3. After selecting the last character, press OK button  to enter the setting menu.

To navigate the settings menu:

- Press Menu button  to select next setting or option.
- Press Scroll Up button  to select the previous setting or option.
- Press OK button  to move to confirm your selection or enter the sub-menu.
- Press Power button  to return to the previous menu.

Following is a list of the available settings and options. The **bold** option are the default options.

Setting	Description	Options
Resolution	The video resolution	2560x1440 30P 2304x1296 30P 1920x1080 30P 1280x720 30P 848x480 30P
Megapixels	The photo resolution	40M (8448x4752 16:9) 30M (7304x4104 16:9) 25M (6664x3752 16:9) 20M (5984x3366 16:9) 12M (4608x2592 16:9) 5M (3008x1688 16:9)


Burst	The number of images captured in a row when you take a photo.	Off , 2, 3, 5, 7, 10, 15, 20, 30
Self Timer	The time camera waits until taking a photo after you press Snapshot button.	Off , 5 sec, 10 sec, 20 sec, 30 sec, 1 min
Quality	The quality of the video.	S. Fine , Fine, Normal
Pre-record	When on, a certain time (depend on video resolution) will be combined into the recorded video before record button is pressed to start recording; When off, video start until the Record button is pressed to start recording.	Off , On
Post Record	The amount of the time the camera waits to stop recording video after you press the Record button.	Off , 5 sec, 1 minute, 10 minutes, 20 minutes, 35 minutes
CarDV Mode	When on, camera will power up automatically and start video recording when it is charged. Camera will power off as it normally does when it is disconnected from the power source.	Off , On
Loop Recording	When on, camera will overwrite the oldest video file with the most current video file once its memory is full. This setting can be selected only when car DVR mode is on.	Off , On
Split Time	While recording video, the camera will automatically split its recording into files of this length.	1 min, 3min, 5 min, 10 min, 15 min , 30 min, 45min
Slides Show	When on, viewing photo file will start a slideshow where each photo will be shown for around 5 seconds.	Off , On
Infrared	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
Record Warning	When on, you will hear a voice confirmation when you start recording. When off, voice confirmation is disabled.	Off , On
Global Positioning	When GPS is on, position of video will be recorded and can be reviewed by GPS player.	Off , On

Time Zone	Adopt local time in real time zone	-12 to +12 Default 0
Language	The language of the text in camera interface	English , 繁體中文, Русский, JezykPolski, French, 日本語, Portuguese
Screen Saver	The amount of the time the camera can be idle before deactivating the display to conserve power.	Off, 30 sec, 1 min , 3 min, 5 min
LCD Brightness	Screen lighting to view	High , Low
Auto Power off	The amount of the time the camera can be idle before powering off.	Off , 30 sec, 1 min, 3 min, 5 min
LED Light	When on, indicator LED will tell the status of the camera; When off, camera is entering covert mode	On , Off
Key Tone	When on, camera will play a tone each time you press a button. When off, tone is disabled.	On , Off
Volume	The volume of camera speaker. This affects the loudness of video playback, audio playback, the key tone, record warning, and any other sounds played by camera. This doesn't affect the volume of the recorded video or audio files themselves.	0-12 Default 12
Coding format	The coding format of video files	H.264 , H.265
Time Setup	Adjust time to real location	yyyy/mm/ddhh/mm
ID setting	User can set Device SN and Person SN	Alphanumeric characters
Password	If password is on, user needs to enter password to get access to setting and connection to PC	On, Off
Change Password	Password can be set or changed	Alphanumeric characters
Default setting	Use this to return camera to its original settings. This does not erase the memory	O (Yes), X (No)
FW Name	H22_YYYYMMDD_V	



5. Operation


5.1 Power on/off

hold Power button  for 3 seconds to start up and enter standby mode; at any mode with holding Power button  for 3 seconds, camera will shut down.

PS: at standby / video recording / audio recording mode, short press power button , screen saver can be on/off.

5.2 Audio recording



In standby mode, press audio Recording Button  for audio recording. Camera will beep, and vibrate once and LED indicator on the top turns yellow and flashes. Press again audio Recording Button  to stop audio recording (camera vibrates twice) and save the file.


In audio recording mode, short press OK button  to remark the file as an important file, the yellow star icon will appear at the right side on screen.

5.3 Photo shooting


At standby mode, press photo button  to take photos.

5.4 Video recording


In standby mode, press video Recording Button  to start video recording. Camera will beep, and vibrate once and LED indicator on the top turns red and flashes. Press again video Recording Button  to stop video recording (camera vibrates twice) and save the file.

In video recording mode, short press OK button  to remark the file as an important file, the yellow star icon will appear at the right side on screen.



5.5 One-button video recording

At power-off mode, hold video Recording Button  for three seconds for powering on the camera and start video recording immediately.

5.6 PIV (picture in video)




In video recording mode, press photo button  to capture photo.

5.7 Zoom

In standby or video recording mode, hold Scroll Up button  and scroll down button  to zoom in and out the image.

5.8 IR night vision


Under dark circumstances, infrared LED will help to record clear image or video.

In standby mode, PRESS Menu button  to navigate. Find option **【Infrared】**, PRESS OK button  to enter sub-menu: Manual & Auto, press OK button  to select.


1) Auto infrared mode:

In low light situations (1 Lux), 2 IR LEDs will be turned on automatically, camera switches on infrared filter lens, video image turn black and white. Otherwise, when circumstance brightness grew up, IR LED turns off, and image becomes colorful again.




2) Manual infrared mode:





When night vision is needed, PRESS Fn button  to switch to Infrared mode, IR LEDs will be turned on, black and white image. PRESS this button again to turn off IR LEDs, image becomes colorful.





5.9 White LED

In standby or video recording mode, hold Fn button  to turn on/off white LED.

5.10 Playback

In standby mode, press button  to enter playback mode. There are Video, Photo, and Audio options. Press to button  to select, and press OK button  to confirm the selection.






1) In video file playback mode, PRESS OK button  to pause/resume playback; PRESS scroll-Up button  to rewind, PRESS Scroll-down button  to fast forward, then PRESS OK button  to play normally. You can fast forward or rewind 2x, 4x, 8x, 16x, 32x, 64x.

2) In photo file playback mode, hold  and  button to zoom in and out the image. Adjustable is X1.0~X10.0. In the zoom in and out image, short press  and  button to move the image to right or left side.



5.11 Reset




In any case the camera is frozen, use a pin to reset and restart the camera. Reset button is inside USB port.

5.12 Device ID/ User ID

In standby mode, PRESS Menu button  to enter settings. Find [ID setting], PRESS OK button  to select, then the Device & Person SN interface will show up, 5 characters for device ID and 6 characters for person ID. PRESS scroll-Up button  or Scroll-down button  to choose a character, then PRESS OK  button to select.

5.13 Time Setting

In standby mode, PRESS Menu button  to enter settings. Find Time bar, for example, 2008/02/02 07:40. PRESS OK button  and enter the password, then users can change the date and time.

Press scroll-Up button  or Scroll-down button  to choose a character, then PRESS OK button  to select.

5.14 USB Driver video/picture/audio files can only be

deleted on your PC/laptop.

After being connected to PC, password interface shows up, please enter the password(default password is 000000)Press the (ok) button 6 times, the camera will be recognized by the computer as Extra drive. User can go to camera folder and delete those files not needed.

5.15 Charging

When camera batter is low, the battery icon will flash in the display, and you will hear a alert tone. When this happens, charge the camera.

While camera is charging, indicator lights blue and will turn off after camera is fully charged. It will take approximately 4 hours to fully charge the camera.

Charging methods:

1). Use a USB cable to connect camera's USB port to one of the following:

- A USB port on your computer (powered on)
- The included USB power adapter (connect to a power outlet)
- The included car charger.

2). Attach camera to the docking bay. Use a USB cable to connect the docking bay to one of the following:

- A USB port on your computer (powered on)
- The included USB power adapter (connect to a power outlet)
- The included car charger.

5.16 GPS tag

When GPS turns on, camera will record specific location information along with body camera footage, and the tags are stored in the video metadata, pinpointing the location when the footage is reviewed.

There will be GPS coordinate (longitude and latitude) showing up in the upper right corner of LCD screen when GPS signal is received.

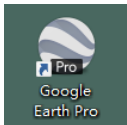


To view GPS tags, User will need to use GPS player (stored in camera memory) and Google Earth (go to <https://www.google.com/earth/desktop/> to download Google Earth to your PC).

GPS Player



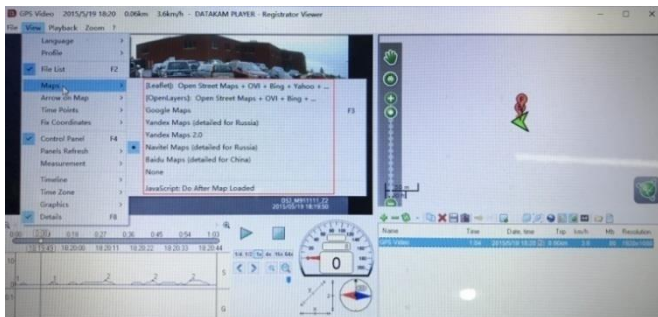
Google Earth



Run GPS player and Google Earth. Open the video (with GPS tags) footages by the GPS player.



PS: you could choose related maps in your region.



Click “Google Earth” icon to review GPS route on Google Earth program. (PS: make sure Google Earth program is working in your PC.)



GPS tags on Google Earth.



5.17 H.264 and H.265 video coding

Please make sure you are using the correct video coding to suit your computer. H.264 is compatible with older windows operating systems and older MAC OS. H.265 is only compatible with windows 10 and newer MAC OS. H.265 requires your computer to have more advanced hardware to work with the video coding. If you would like more information on this then please email us at: **guardiang1@hotmail.com**.