

# THE GUARDIAN X3 PRO

## USER MANUAL



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The device is a new generation video recorder of High Efficiency video coding (HEVC, H.265) and low power consumption. If record videos by using H.265 coding format, it is suggested to download Media Player Codec Pack (check the link below) to assist to playback H.265 videos on windows Media Player.

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

**For technical Support please contact us at**  
**[customerservice@guardiang1.co.uk](mailto:customerservice@guardiang1.co.uk) anytime.**

# 1. Introduction

## Product Overview

The Guardian X3 Pro is a top of range Body camera with a rugged design, which provides law enforcement (POLICE), security and emergency services & can be used as an action camera for sports activities with super Full HD 1512p video recording capabilities, and with one-button recording and activation. The X3 Pro has a ultra-wide 140 ° field-of-view lens captures everything that's in front of you while maintaining a High Definition resolution. Featuring a 64GB internal memory, pre-record buffering, VIP tagging, and integrated Infrared LEDS for night vision, The X3 Pro is equipped to perform in any conditions because it having a weather body.

With full featured and adaptable operation, the X3 Pro can record video and audio simultaneously, or audio only for suspect interrogations and victim/witness statements. The X3 Pro is fully configurable and offers multiple recording qualities, super full HD 1512p video down to 480p resolution, giving users the options to adjust the recording quality according to their storage capabilities.

The X3 Pro can also take up to 20 high-resolution snapshots, which, together with video, can be viewed on backlit, 2-inch LCD color screen & your PC/Laptop using a USB connector. Security protocols (password)on the device are a sure way to prevent accidental deletion of evidence or modification of system settings. Video footage is also digitally watermarked with the user ID, time and date, ensuring the authenticity of collected video of the event.

## Box contents

- X3 PRO Body Camera
- USB Cable
- USB Adapter
- Rotatable Epaulette Clip
- Rotatable Crocodile Clip
- Chest Harness
- 360 Degree Rotatable Clip
- User Manual

## **[IMPORTANT INFORMATION]**

PLEASE NOTE THE ATTACHMENTS ROTATE. When using the chest harness and attachments the X3 Pro will rotate to the Vertical position, just turn it.

Also enter the menu settings please press the (M) button then enter the factory password by pressing the (OK) button 6 times, this password can be changed in the settings.

A Quick press of the power button is the back button in the settings.

If your camera is showing memory full when you have deleted footage you just need to format it, on PC right click on camera driver select format, on Mac Go to disk utility and choose EX FAT and erase. (WARNING ONLY USE CHARGING EQUIPMENT PROVIDED).

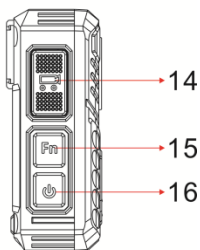
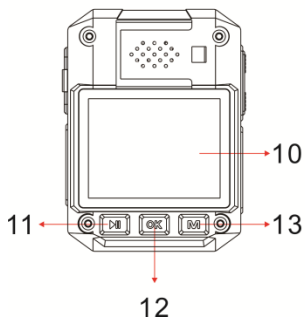
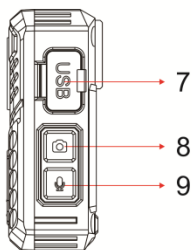
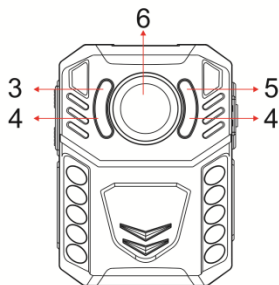
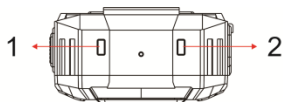
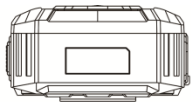
We have a YouTube channel at [Guardiang1](#) showing the user settings and many other features about our products.

## 2. Technical Specifications

<b>Camera</b>	
Sensor	4MP CMOS
Wide Angle	140-degree wide angle lens
<b>Video</b>	
Video Resolution	2688x1512 30p /2560x1440 30p /2304x1296 30p / 1920x1080 30p / 1280x720 30p/ 848x480 30p
Video Compression	H.264/H.265
Audio	High Quality Build-in Microphone
Audio Format	WAV
Watermark	User ID, Time and Date
Pre-record	Support
Password protection	Administrator password to prevent video deletion
Video Section	1min/3min/5min/10min/15min/20min/30min/45min
<b>Snap Shot</b>	
Image	Max 16 Megapixels
Image Format	JPEG
Burst	2/3/5/6/8/10/15/20 Snap Shots
<b>Video/Image Review</b>	
LCD Screen	2.0in TFT-LCD High-Resolution Color Display
Audio Playback	Yes
Video Output	Not support
Video Transfer	USB 2.0
<b>General</b>	
GPS location	Not support
IR LED	6

IR LED switch	Auto/manual
IR Distance	10 Meters
One Button Recording	Support One Button Record
Motion detection	Auto/manual
Built-in Storage	64GB
Working Temperature	-40~60 degrees Celsius
Storage temperature	-20~55 degrees Celsius
Dimension	76 *54 *27 mm
Weight	122g
Standard Accessories	USB cable, Adapter, User Manual, 360 Degree Rotatable Clip, Rotatable Epaulette Clip, Rotatable Crocodile Clip, Chest Harness

### 3. Feature

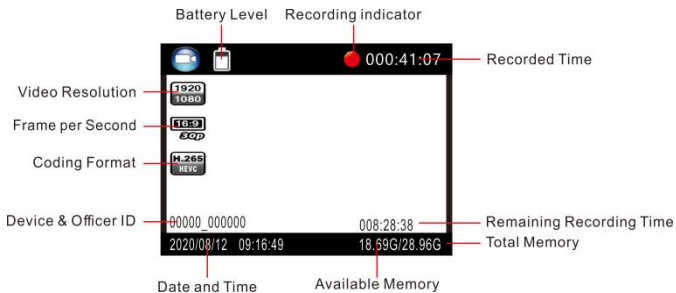


Item	Description
<b>1. Status Indicator LED</b>	<p><b>Still Green:</b> camera is in standby mode (Power on but not recording)</p> <p><b>Still Red:</b> camera is on pre-recording mode</p> <p><b>Flashing Red:</b> camera is recording video</p> <p><b>Flashing Red and Green:</b> camera is recording audio only</p> <p><b>Flashing Red Once:</b> camera is taking photo</p>
<b>2. Charging Indicator LED</b>	<p><b>Still Blue:</b> Charging Status</p> <p><b>Still White:</b> Camera is fully charged</p>
<b>3. Light Sensor</b>	<p>Detect changes of light and turn on/off IR for low-light recording automatically</p>
<b>4. Infrared LED</b>	<p>Providing infrared light compensation in low light conditions, to help camera record good quality video with clear face view up to 10 meters</p>
<b>5. White Light</b>	<p>Hold Fn button to turn on/off white light</p>
<b>6. Lens</b>	<p>Capture high resolution images/videos</p>
<b>7. USB Port &amp; Reset Button</b>	<p>USB port is for power charging or data transmission.</p> <p>Reset camera when camera has operation minor</p>
<b>8. Snapshot Button</b>	<p>Press to take photo in standby mode or in video recording mode</p>
<b>9. Audio Button</b>	<p>Press to start/stop audio recording</p>
<b>10. LCD Screen</b>	<p>View camera status and playback recorded files</p>
<b>11. Scroll Up Button</b>	<p>a) In Menu or Playback mode, press to scroll up previous page or file</p> <p>b) In standby or video recording or playback photo mode, hold to zoom out</p> <p>c) In playback mode, press to rewind video</p>



<p><b>12. OK Button</b></p>	<p>a) In menu set-up or playback file type (video, photo and audio) selection, press to make a selection</p> <p>b) In standby mode, press to review files</p> <p>c) In playback mode, press to pause/resume video or audio playback</p> <p>d) In video or audio recording mode, hold to lock the file</p> <p>e) In video or audio recording mode, press to mark the important file</p>
<p><b>13. Menu &amp; Scroll Down Button</b></p>	<p>a) In standby mode, press to enter menu set-up</p> <p>b) In Menu or Playback mode, press to scroll down next page or file</p> <p>c) In standby or video recording or playback photo mode, hold to zoom in</p> <p>d) In playback mode, press to fast forward video</p>
<p><b>14. Video Recording Button</b></p>	<p>a) In power-on mode, press to start/stop recording</p> <p>b) In audio recording, press to switch to video recording and keep the audio file</p> <p>c) In power-off mode, hold for 3 seconds to power on camera and execute video recording function.</p>
<p><b>15. Fn Button</b></p>	<p>a) Press to turn on/off IR light</p> <p>b) Hold to turn on/off white light.</p>
<p><b>16. Power Button</b></p>	<p>a) Hold 3 seconds to power on/off camera</p> <p>b) In power-on mode, press to turn on/off LCD.</p> <p>c) Press to exit to previous interface when navigating setting or playing back files</p>

## LCD Interface:



## 4. Main Menu Optional Detail

To enter the setting menu:

1. Press Menu button **M** 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 Scroll Down 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.

Setting	Description	Options
<b>Video Resolution</b>	The video resolution	2560×1440 30P 2304×1296 30P 1920×1080 30P 1280×720 30P 848×480 30P


<b>Photo Resolution</b>	The photo resolution	5M (3008×1692 16:9) 12M (4608×2592 16:9) 20M (5984×3366 16:9) 25M (6656×3744 16:9) 30M (7296×4104 16:9)
<b>Burst</b>	The number of images captured in a row when you take a photo.	Off, 2, 3, 5, 6, 8, 10, 15, 20
<b>Dewarp</b>	When on, video distortion correction will be corrected, with more power consumption.	Off, On
<b>Self Timer</b>	The time camera waits until taking a photo after you press Snapshot button.	Off, 5 secs, 10 secs, 20 secs, 30 secs, 1 min
<b>Quality</b>	The quality of the video.	S. Fine, Fine, Normal
<b>Pre-record</b>	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
<b>Post Record</b>	The amount of the time the camera waits to stop recording video after you press the Record button.	Off, 5 sec, 1 minute, 10 mins, 20 mins, 35 mins
<b>CarDV Mode</b>	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


<b>Loop Recording</b>	When on, camera will overwrite the oldest video file with the most current video file once its memory is full.	Off, On
<b>Split Time</b>	While recording video, the camera will automatically split its recording into files of this length.	1 min, 3 mins, 5 mins, 10 mins, 15 mins, 20 mins, 30 mins, 45 mins
<b>Slideshow</b>	When on, viewing photo file will start a slideshow where each photo will be shown for around 5 seconds.	Off, On
<b>Infrared</b>	When set to manual, you will need to press Fn 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
<b>Motion Detect</b>	When on, camera will start recording when front movement is detected by the lens.	Off, On
<b>Record Warning</b>	When on, you will hear a voice confirmation when you start recording. When off, voice confirmation is disabled.	Off, On
<b>Video Mute</b>	When on, there is no sound in the video. When off, there is sound in the video	Off, On
<b>Language</b>	The language of the text in camera interface	English, 简体中文, Русский, Polski, 한국, French, 日本語, Portuguese, Español, Türk
<b>Screen Saver</b>	The amount of the time the camera can be idle before deactivating the display to conserve power.	Off, 30 secs, 1 min, 3 mins, 5 mins
<b>LCD Brightness</b>	Screen lighting to view	High, Medium, Low

<b>Auto Power off</b>	The amount of the time the camera can be idle before powering off.	Off, 30 secs, 1 min, 3 mins, 5 mins
<b>LED Light</b>	When on, indicator LED will tell the status of the camera; When off, camera is entering covert mode	On, Off
<b>White Led</b>	White Led light to offer light source	Off, On
<b>Key Tone</b>	When on, camera will play a tone each time you press a button. When off, tone is disabled.	On, Off
<b>Volume</b>	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
<b>Coding Format</b>	The coding format of video files	H.264, H.265
<b>Time Setup</b>	Adjust time to real location	yyyy/mm/ddhh/mm
<b>ID Setting</b>	User can set Device ID and Officer ID	Alphanumeric characters
<b>Password</b>	If password is on, user needs to enter password to get access to setting and connection to PC	On, Off
<b>Change User Password</b>	Password can be set or changed	Alphanumeric characters
<b>Default Setting</b>	Use this to return camera to its original settings. This does not erase the memory	O (Yes), X (No)
<b>FW Name</b>	Firmware version	



## 5. Operation


### 5.1 Power on/off

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

PS: in standby / video recording / audio recording mode, 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 LED indicator on the top will flash red and green. Press again audio Recording Button  to stop audio recording and save the file.


In audio recording mode, press OK button  to mark the important file, and the yellow star icon will appear on the right side of the screen.

### 5.3 Photo shooting


In 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 LED indicator on the top will flash red. Press again video Recording Button  to stop video recording and save the file.

In video recording mode, press OK button  to mark the important file, and the yellow star icon will appear on the right side of the screen.

### 5.5 One-button video recording

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

### 1) Auto infrared mode:

In low light situations (1 Lux), 4 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 infrared light button **Fn** 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 **Fn** to turn on/off white LED.

## 5.10 Playback

In standby mode, press OK button to enter playback mode. There are Video, Photo and Audio options. Press Photo button **Photo** to select, and press OK button **OK** 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 scroll-Up button and Scroll-down button to zoom in and out the image. Adjustable is X1.0~X10.0. In the zoom in and out image, press scroll-Up button and Scroll-down 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 battery 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 light is still blue and will turn still white after camera is fully charged. It will take approximately 4 hours to fully charge the camera.

### **Charging methods:**

Use a USB cable to connect camera's USB port to a USB port on your computer (powered on) or USB power adapter (connect to a power outlet)