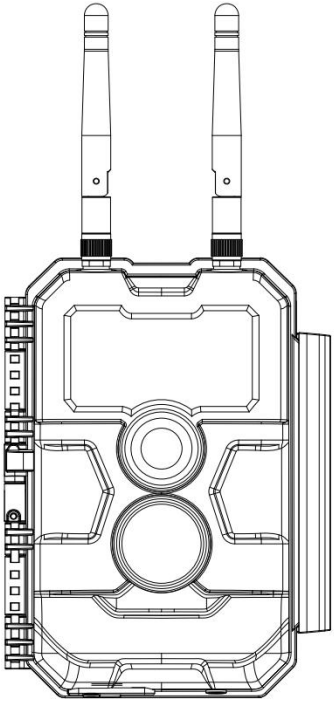
GardePro

E6+ TRAIL CAMERA



INSTRUCTION MANUAL

V1.3

Congratulations on your purchase of one of the best trail cameras on the market! We appreciate your business and want to earn your trust. Please refer to the notes below and the instructions in this manual to ensure that you are completely satisfied with this product.

In case of any further questions or concerns, please get in touch with us at:

NA, CA&UK: support@gardepro.com

or visit our page:

www.gardepro.com

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1. IN THE BOX

1 x Camera, 1 x Mounting Strap,
1 x Instruction Manual, 1 x USB Cord, 2 x Antennas.
Note: Memory card and batteries are not included (user supplied).

2. BEFORE FIRST USE

- Require eight (8) 1.5V AA-size alkaline or Lithium batteries. For optimal battery life, we recommend using **Energizer** lithium batteries.
- Do NOT mix old and new batteries. Do NOT mix battery type.
- Rechargeable 1.2V AA NiMH batteries are not recommended. Their low voltage will impair camera performance.
- Insert a **full-size** SDHC or SDXC card with a capacity of up to 512 GB.
- Recommend using a Class 10 or higher SD card from **GardePro** or **SanDisk**.
- With the camera OFF, insert or remove the battery or SD card.
- Format the card in the camera: **MENU > Format SD Card**.

WARNING: *Formatting permanently deletes all files. Back up important files first.*

3. PARTS AND CONTROLS

The camera is equipped with 36pcs high efficiency infrared LEDs, LED Indicators, Lens, PIR Sensors, Lock Buckle in front view *(Figure 1)*. ***TIP:*** *During use, the black PIR Lens may be dirty or have scratches, however it does not affect the performance due to the reliability design. If you must clean it, please try to blow it off or pick out the dirt very lightly. Please*

do not try to wipe it, which may cause more scratches.

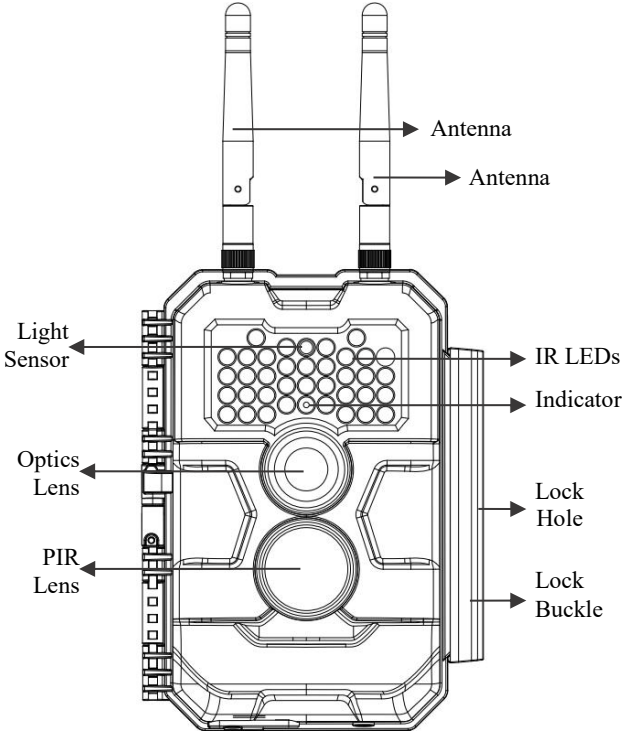

Figure 1: Front View

Install the antennas: The antennas are placed in the accessory slot on the right side of the package box. Please screw the antennas into the mounting base on the top of the camera and securely tighten it *(Figure 1)*.

The camera provides the following connections for external

devices: USB port and DC power slot etc. *(Figure 2)*.

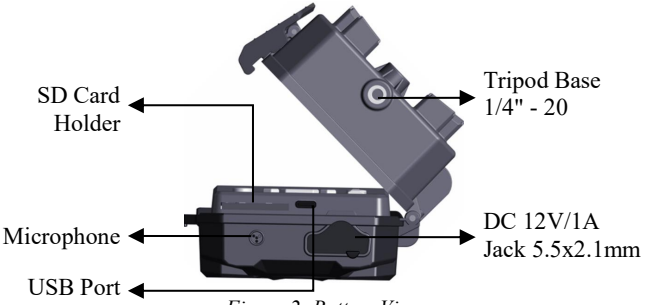

Figure 2: Bottom View

The camera has one security cable hole and two strap holes on the back. The strap can be put through the strap holes and fastened securely around a tree trunk by pulling the end of the strap firmly *(Figure 3)*.

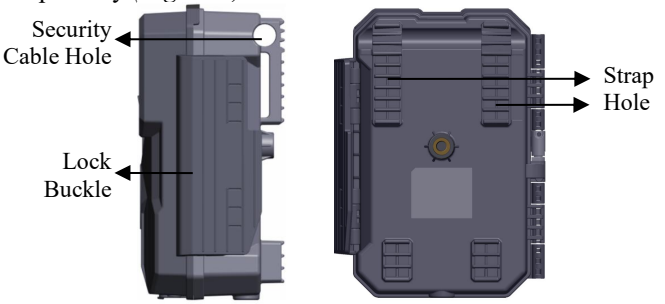

Figure 3: Right / Back View

The camera has a 2.4-inch built-in LCD screen, which can be used for reviewing pictures or videos and menu displaying, and exclusive keypad design for easy program and operation, 8 AA batteries slot supported *(Figure 4)*.

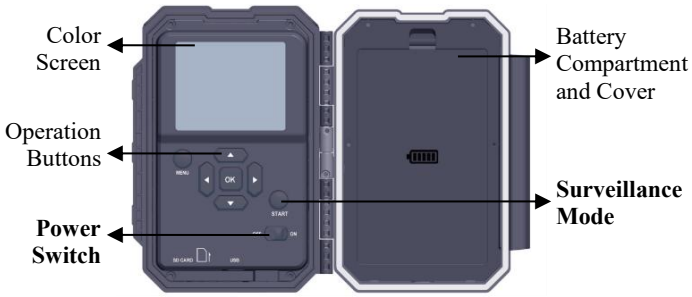

Figure 4: Inside View

A power switch is used to power on (**ON** mode) or off the camera (**OFF** mode). A **START** button is used to quickly make the camera into the surveillance mode (motion detection) or time lapse per your settings *(Figure 4)*. When the camera is in the surveillance mode, press the **START** button to wake up the camera.

4. OPERATING MODES

The camera has three operating modes:

MODE	HOW TO ENTER	APPLICATIONS
OFF	Move the power switch to OFF.	Insert/remove the battery or SD card; transport or store the camera. Remove the battery for long-term storage.
ON	Move the power switch to ON.	View the screen, change settings, review files, connect via USB, or connect to the app.
SURVEILLANCE	With the camera ON, press **START**.	The screen turns off, and the camera records

		according to the selected settings. App connection is available. **To wake the screen, press START again.**

NOTE: *Motion Detection starts after a 30-second countdown. Time Lapse starts immediately. The camera enters Surveillance mode automatically after 5 minutes of inactivity.*

5. QUICK START

- Make sure the batteries and SD card are correctly installed.
- Turn the camera **ON** and set the date, time, and recording mode.
- Press **START** to enter Surveillance mode.

5.1. Install the App

Install GardePro Mobile from the App Store or Google Play.

NOTE: *Requires iOS 15+ or Android 9+. Screens may vary by app version.*

Legal attribution: *Apple, the Apple logo, and App Store are trademarks of Apple Inc. Google Play and its logo are trademarks of Google LLC.*

5.2. Add Your Camera

Before connecting, enable Wi-Fi and Bluetooth. Allow the required permissions when prompted by the app.

- Open the App and select **Wi-Fi Camera**.
- Select the camera displayed as **GardePro E6+**.

- Wait while Bluetooth and Wi-Fi connect automatically.
- The camera's hotspot name starts with **CAM8Z6_.**
- If prompted, select **Join** or **Connect** to the camera's Wi-Fi network.

Live view and local file access are available within wireless range, up to 50 m (165 ft) under ideal conditions.

If connection fails, move the cell phone closer, restart Wi-Fi and Bluetooth, and reopen the App. Restart the camera and cell phone if necessary.

TIP: *When the app connects to the camera, the red indicator light will flash once.*

5.3. App Navigation

The app supplies 4 main features: **Live**, **Status**, **Settings** and **Gallery**.

Tab	Description
Live	Preview, manual taking pictures or videos. ***Note:*** *When your Wi-Fi camera is connected, motion detection will be disabled. It will be enabled again when you disconnect your Wi-Fi camera or close the app for 90 seconds.*
Status	Camera status, including battery level, total memory card capacity and used capacity, internal temperature of the camera, number of pictures and videos stored on the memory card, camera model, firmware version number, etc.
Settings	Display or program camera settings, such as mode, picture quality etc.
Gallery	Review or download the pictures or videos the camera has taken.

5.4. Manage Your Camera

Tap the camera ID "**GardePro E6+**" to manage your camera, including disconnecting, removing the current camera, reconnecting, or adding a new camera *(Figure 5)*.

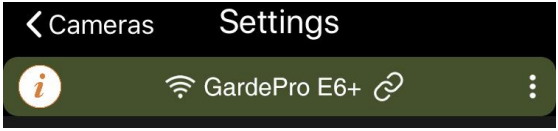

Figure 5: Manage Your Camera

***Note:** On the phone device, when the app is closed or runs in the background, there is a maximum of 90-second timeout of Wi-Fi connection between app and camera, before timeout, you can re-open and operate on the app without reconnecting. However, the camera will not work (capture motions) until the Wi-Fi timeout is done. Before timeout, you must disconnect Wi-Fi manually to enable the camera to capture motions.*

6. ADVANCED SETTINGS

The trail camera comes with preset manufacturer settings. You can change the settings to meet your requirements. Once the camera screen is on, press **MENU** key to enter/exit the menu. Press the **UP/DOWN** key to move the marker, Press the **LEFT/RIGHT** key to change the setting, and press the **OK** key to confirm the change. Always remember to press the **OK** to save the change. Otherwise, you will lose your new setting.

Parameter	Settings	Description
WIFI	**On**/Off	Selecting **On** to enable Wi-Fi, you can use the app to connect the camera. Press "**OK**" to change CHX **ONLY** when you feel WiFi signal is not good or you have multiple WiFi cameras nearby. Selecting **Off** to disable

		Wi-Fi, the camera will operate in stand-alone mode and save battery power.
Mode	Motion Detection, Time Lapse, Hybrid	In **Motion Detection** mode, the camera will take photos or videos once triggered. In **Time Lapse** mode, the camera will take photos or videos periodically according to your preset "Timelapse Interval" parameter. **Hybrid** mode includes both above.
Photo or Video	**Photo,** Video, Photo+ Video	Select whether still photos or video clips are taken.
Photo Quality	4MP - 64MP	Select desired resolution for still photos.
Photo Burst	**01,** 02, 03, 04, 05	Select the number of photos taken in sequence per trigger.
Video Quality	1296p 1080p 720p	Higher resolution produces better quality videos, but creates larger files that take more of the SD card capacity.
Video Length	**10 seconds**, Optional from 3s to 5m	Select video recording length. ***Note****: It is highly recommended to set the night video length to less than 30 seconds as the IR LEDs will consume more battery power.*
Video Sound	**On** Off	Selecting **On** will record video with sound. Then press the "OK" button to select the level from high, medium and low.
Video Format	**MP4** MOV	MP4 is the mainstream format in the video industry. Select MOV in case some legacy digital camera software must be working with videos in MOV format.

Detection Delay	**10 seconds**, optional from 0s to 60m	Select the shortest length of time that the camera will wait until it responds to any subsequent triggers from the PIR sensor after a game is first detected. During the selected interval, the camera will not take pictures/videos. This prevents the memory card from filling up with too many redundant images. 0 means capture as fast as possible. ***Note**: this option is invalid if **Mode** is set as "Time Lapse".*
PIR Sensitivity	High **Medium** Low	Select the sensitivity of the PIR sensor. Temperature affects the sensitivity. The High setting is suitable when the ambient temperature is warm or you want to capture distant objects or capture more, and the Medium/Low setting is helpful in cold weather and good for less false trigger. ***Note**: this option is invalid if **Mode** is set as "Time Lapse".*
False Trigger Suppression	High Medium **Low**	From low to high, the degree of false trigger suppression is gradually increasing. When the camera is experiencing excessive false triggers, such as capturing a large number of photos without any moving objects, it is recommended to set the suppression level to "High".
Motion Test		This feature helps you aim the camera at your target area. Please refer to the details in ***Section 9.2***.

Timelapse Interval	**First Shot Time:** hh:mm	Set the earliest shot time after Time Lapse or Hybrid mode is enabled. If you would like to get photos earlier, it is recommended to set it later than the current time.
	Interval: optional from 3s to 24h	Set time lapse interval. It takes effect ONLY when **Mode** is set as Time Lapse or Hybrid, the camera will automatically take photos/videos according to the set interval, regardless of whether the PIR sensor has detected any game. This is helpful when observing cold-blooded animals like snakes, or the process of flowering, etc. ***Note**: This option is invalid if **Mode** is set as "Motion Detection".*
Timelapse Period	On **Off**	Selecting **On** to set a specific working time period for **Time Lapse**. You can set up to 2 different time periods for the camera, and it will not capture time-lapse photos or videos outside of those periods. ***Note**: This option is applicable ONLY if the Mode is set as Time Lapse or Hybrid.*
Date/Time	M/D/Y hh:mm	M – Month, D – Day, Y – Year hh – Hour, mm – Minute ***Note**: Use **"LEFT/RIGHT"** key to switch, use **"UP/DOWN"** to set. Date input format may change. Please refer to **"Date Format"**.*
Date Format	D/M/Y **M/D/Y** Y/M/D	Select date format which will be shown on the screen and each capture.
Time Format	**12h** 24h	Select time format which will be shown on the screen and each capture. 12h - AM/PM

Temperature Unit	°C **°F**	Select temperature unit which will be shown on the screen and each capture.
Camera Name	On **Off**	Select **On** to assign a 4-18 character code (letters a/A-z/Z, numbers 0-9) to record the location in the photo.
Info Strip	**On** Off	Select **On** to show date, time, temperature, moon phase on each capture.
Loop Recording	On **Off**	Selecting **On** option will cause the oldest files to be overwritten with new captures when the memory card reaches its capacity. With **Off** option selected, the camera will stop capturing images once the memory card reaches capacity.
Operation Hours	On **Off**	Selecting **On** to set a specific working time period for **Motion Detection**. For instance, if the starting time is set at 18:35 and the ending time at 8:25, the camera will function from 18:35 the current day to 8:25 the next day. Outside the time period the camera will not be triggered. ***Note**: This option is applicable ONLY if the Mode is set as Motion Detection or Hybrid.*
Password	On **Off**	Set up a 4-digit password to protect your camera from unauthorized users. If the code is lost, you can contact customer support to reset the password.
Format SD Card	Yes **No**	All files will be deleted after formatting the memory card. It's highly recommended that you format the memory card if it has been used previously in other devices. ***Caution: make sure wanted files on the memory card have been backed up first!***

Factory Reset	Yes **No**	Selecting **Yes** will return all your previous settings back to the manufacturer default.
Version	Defined	Display the version of the camera.

7. MOUNTING AND POSITIONING

7.1. Mounting and Positioning

- Mount on a sturdy tree or compatible bracket.
- Recommended height: 0.75–1.2 m.
- Place the camera about 3 m (10 ft) from the target area.
- Use the strap or 1/4"-20 tripod mount.

7.2. Motion Test

- Turn the camera ON.
- Select **MENU > Motion Test**, then close the camera housing.
- Walk through the intended detection area at different positions and distances.
- The indicator flashes red when the central PIR sensor detects movement.
- Review the test images and adjust the camera position as needed.

NOTE: *The red light flashes only for movement detected by the center PIR sensor within its 60° range.*

To reduce false triggers:

- Do not aim the camera at heat sources, moving branches, or reflective surfaces.
- Clear nearby branches and vegetation, especially in windy areas.
- Do not install the camera behind glass; PIR motion detection does not work through glass.

8. REVIEWING PHOTOS AND VIDEOS

Method	Operation
App	Connect the camera to the app, then view photos and videos in the app gallery.
USB cable	Turn on the camera, then connect it to a computer using a USB cable.
SD card reader	Turn off the camera and remove the SD card. Insert the card into an SD card reader (user supplied) connected to a computer.

9. TECHNICAL SPECIFICATIONS

Element	Description
Wi-Fi	2.4GHz 802.11 b/g/n
Bluetooth	BLE 5.0
App System Requirements	IOS 15.0 or later Android 9.0 or later
Working Mode	Motion detection, Time lapse or Hybrid
Max. Pixel Size	64MP
Optics Lens	f/1.6, FOV=120°, Auto IR-Cut
IR Flash	82ft. (25m)
LCD Screen	2.4" Color screen
Memory	SD, SDHC or SDXC standard memory card *(not included)*, maximum capacity 512GB
Picture Resolution	64MP, 48MP, 32MP, 16MP, 8MP, 4MP

Video Resolution	2304 x 1296P@20fps (16:9), 1920 x 1080P@30fps (16:9), 1280 x 720P@30fps (16:9)
Image Format	Picture: JPEG, Video: H.264 MP4 / MOV
PIR Sensitivity	High/Normal/Low
PIR Sensing Distance	82ft. (25m) (Below 77°F/25°C)
PIR Sensing Angle	70°
Trigger Time	Approx. 0.2 seconds
Trigger Interval	0sec.-60min, Programmable
Shooting Numbers	1~5
Video Length	3sec ~ 5min., Programmable
Info Strip	On /Off
Operation Hours	On /Off, Specific working period of time
Password	4-Digit Code
Camera Name	4 - 18 Character (a/A-z/Z, 0-9)
Time Lapse Interval	3 Seconds ~ 24 Hours
Power Supply	8x1.5V AA Batteries *(not included)*
Stand-by Time	8 Months in Stand-by
Auto Stand-by	Auto Stand-by (Surveillance mode) in 5 minutes while no operation in **ON** mode
Low Battery	8V - Low Battery (Batteries die) 9V - Night vision is unavailable in low voltage (Almost die)

Interface	USB, Standard size SD card holder, External Power (DC 12V/1A, Plug 5.5x2.1mm)
Mounting	Strap, Tripod Base (1/4-20)
Waterproof	IP66
Operation Temperature	-4~140°F/-20~60°C
Operation Humidity	5% ~ 95%
Product Dimensions	5.8 x 4.2 x 2.7 inch

10. TROUBLESHOOTING

- Make sure the camera is powered on and in the correct mode.
- Format the SD card in the camera. If the problem persists, try a different compatible SD card.
- Check the battery level if the night-vision function is not working as expected.
- **Dark night images:** Remove nearby walls, tree trunks, or other reflective objects from the field of view, or reposition the camera *(Figure 7)*.

Figure 7: Avoid nearby obstacles in front of the camera

If the problem persists, contact support with your order number.