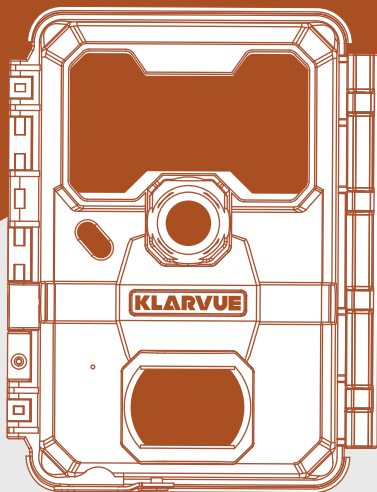




**KLARVUE**



# GUARDIAN

## TRAIL CAMERA

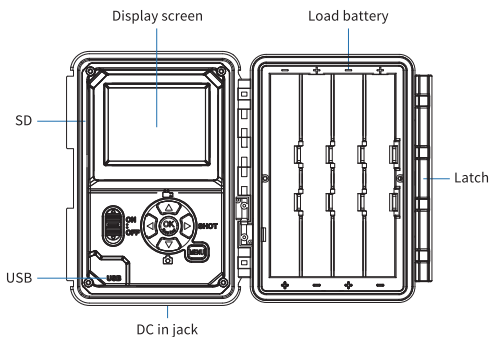
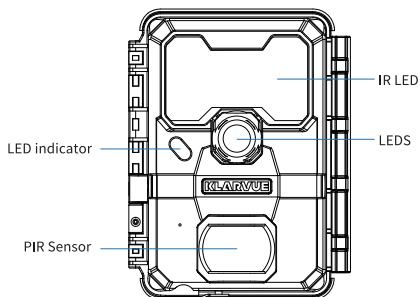


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# INSIDE THE BOX

CAMERA | TREE STRAP | SD CARD | STICKER



## CAMERA SETUP

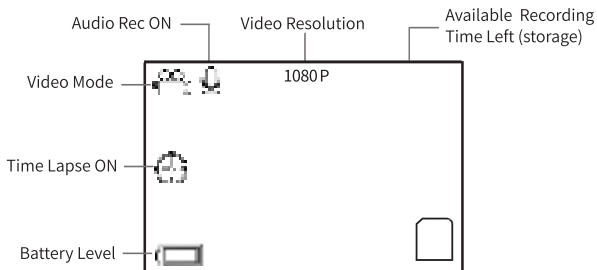
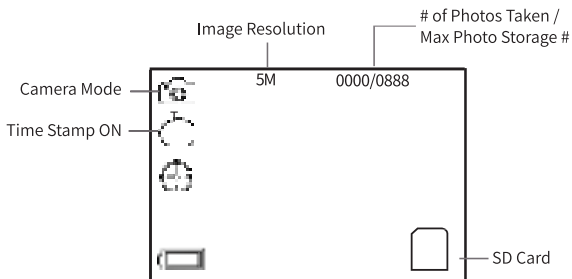
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- 1 Loosen the latch to open the camera, then fill tray with 8 new AA batteries. Do not mix battery types or use rechargeable ones
- 2 Insert the **KLARVUE SD** card provided in the package
- 3 Toggle the power button to “ON”
- 4 Download the “**KLARVUE**” app on App Store or Google Play
- 5 Once downloaded, create an account and follow the - in APP instructions to connect your Wi - Fi camera to the APP
- 6 Once connected, you can: a) look at the live view for mounting; b) change settings; c) check battery and memory status; d) preview / download / delete your photos
- 7 Mount your camera to a spot with a clear view and get ready to harvest stunning images!

Customer Support Email  
**support@klarvue.com**

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# CAMERA DISPLAY





# KEY CONTROLS

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## **IN LIVE VIEW (START - UP SCREEN)**

-  : press once to switch to video mode
-  : press once to switch to photo mode
-  : press once to activate Wi-Fi
-  : press once to take a picture
-  : press once to enter the gallery
-  : press once to enter the settings menu

## **IN SETTINGS MENU**

- Use all arrow keys to scroll between different settings
- Press  once to enter or confirm a setting
- Press  once to return to live view or cancel a setting

## **IN GALLERY**

- Use up-down arrows to scroll through photos and videos
- For videos only, press  once to play or pause the video
- Press  to delete or protect a file.

# CAMERA SETTINGS

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## Home

**Shot Mode:** Choose whether you want the camera to take photos only, videos only, or both photos and videos (take more memory space)

**Camera Name:** Give your camera a name to be displayed on the data stamp

**PIR Interval:** After the camera is triggered once, how long the camera waits before you want the camera to trigger again

**PIR Sensitivity:** Choose the camera range. Higher sensitivity allows further range of detection, but will increase the occurrence of false triggers

**Operating Hours:** Choose a specific timeframe for the camera to be active

—Off: 24/7; On: Set up to 2 timeframes

**Time Lapse:** Turn on to take photos continuously under the set timeframe and time interval. When time lapse is on, PIR sensor will stop working

## Camera

**Image Quality:** Choose the resolution for each image. A higher quality image will take more memory space

**Photo Burst:** Choose how many photos to capture when the camera is triggered

**Night Mode:** Choose the flash range depending on the target you want to capture

**Video Quality:** Choose the resolution for each video. A higher quality video will take more memory space

**Video Length:** Choose how long the camera records a single video ( 5s——60s )

**Video Sound:** Choose whether to include sound when recording video



# CAMERA SETTINGS

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## WiFi

**Bluetooth:** Turn on for APP connection; Turn off for battery saving

**WIFI SSID:** Set the Wi-Fi name to be appeared on your phone's Wi-Fi search list

**WIFI Password:** Set the Wi-Fi password

**WIFI Delay Off:** Delay the Wi-Fi from turning off too soon so that you have more time for APP connection

## System

**Date/Time:** Set the date and time of the camera

**Date Stamp:** Choose whether to include a date stamp at the bottom of every image

**Time Format:** Choose between the 12-hour or 24-hour time format

**Format SD Card:** Erase all data in the SD card

**Loop Recording:** New photo/video will automatically replace the oldest file in the SD card, preventing the camera to stop recording when SD card is full

**Password:** Set a 4-digit password to prevent others from sabotaging your camera

**Language:** Choose the system language

**Version:** Display the camera's firmware version and MCU version

**Factory Reset:** Restore all settings to the original state

# HELPFUL TIPS

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## General

1. To maximize battery life, limit the PIR interval of 10 seconds or longer. Use lithium batteries during winter
2. Before replacing the batteries or SD card, toggle the camera to "OFF" mode
3. When using an external power supply, make sure that voltage is 6V
4. DO keep the lenses and sensors free of dust and scratches
5. DO NOT submerge the camera in water
6. Indicator Color:
  - i) Green : Firmware updating
  - ii) Red : The camera is turned on and ready for operation
  - iii) Blue : Low battery

## Mounting:

1. Avoid mounting the camera on unstable trees or posts
  2. Avoid facing the camera toward the sun
  3. Mount the camera 3-5 feet above ground
  4. Clear any brush and tree limbs in the field of view
- 

## Recommended Accessories (purchase separately at KLARVUE.COM)



Security Box



Micro / Wide  
Lens



Tree  
Mount



Solar  
panel

## SPECIFICATIONS

<b>IR Range</b>	100 FT
<b>PIR Angle</b>	45°
<b>Flash</b>	No Glow IR (No Flash)
<b>Buttons</b>	Power button; navigation arrows; Menu button
<b>Display</b>	2.4 Inch HD Display
<b>Lens</b>	Lens: f=7.36mm F/NO:2.8 FOV=55°,HOV=42°
<b>Interface</b>	Wi- Fi (APP); USB; SD Card
<b>Trigger Speed</b>	0.3 Second
<b>Image Resolution</b>	32MP; 16MP; 4MP
<b>Video Resolution</b>	4k; 1080p; 720p
<b>Video Sound</b>	Optional
<b>Camera Weight (lbs)</b>	0.66
<b>Camera Dimension (in)</b>	5.0 * 3.9 * 2.7
<b>Waterproof Rating</b>	IP67
<b>External DC</b>	6V
<b>Operating Temperature</b>	- 20°C to 60 °C - 5°F to 140 °F
<b>Operating Humidity</b>	5%- 90%

# TROUBLESHOOTING

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Problem	Solution
<b>Camera Won' t Connect to APP</b>	<ul style="list-style-type: none"><li>• Make sure Bluetooth is turned on for both your camera and your phone</li></ul>
<b>Camera False Triggers too Often</b>	<ul style="list-style-type: none"><li>• Clear tree branches, brush, and weeds from field of view</li><li>• Lower the "PIR sensitivity"</li></ul>
<b>Night Photos too Blurry</b>	<ul style="list-style-type: none"><li>• Adjust " Night Mode" to a different setting</li><li>• If your camera is aiming at an open field, relocate it to a spot that has more objects in the field of view</li></ul>
<b>Pictures look Condensated/Foggy</b>	<ul style="list-style-type: none"><li>• Bring your camera back inside and place it in a dry place, then wait until the condensation dissipates</li></ul>
<b>The Camera Won' t Turn On</b>	<ul style="list-style-type: none"><li>• Check the battery status, replace battery if necessary</li></ul>
<b>The Camera Won' t Record New Image/Video</b>	<ul style="list-style-type: none"><li>• Check the SD card memory status. Turn on "Loop Recording" to delete the oldest file every time, or replace the SD card completely</li></ul>

# WARRANTY

- **Duration: 1 year from the date of purchase, automatically registered**
- **Coverage:**
  - Manufacturer defects in materials and workmanship such as defective buttons
  - Any damage caused by nature or the owner's misuse, or alterations is not covered
  - Covered cameras will be replaced or repaired free of charge
- **KLARVUE reserves the right of final determinations of warranty coverage**
- **For more information, contact [support@klarvue.com](mailto:support@klarvue.com)**

## FCC Warning

**This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:** (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**Note:** The Grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with FCC's RF exposure guidelines, the distance must be at least 20 cm between the radiator and your body, and fully supported by the operating and installation

## IC Warning

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs/récepteurs exempts de licence qui sont conformes aux normes CNR exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est assujéti aux deux conditions suivantes :

(1) Cet appareil ne doit pas causer d'interférences. (2) Cet appareil doit accepter toute interférence, y compris celles qui peuvent entraîner un fonctionnement indésirable de l'appareil.

The device has been evaluated to meet general RF exposure requirement. To maintain compliance with RSS-102 — Radio Frequency (RF) Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.

le dispositif a été évalué à répondre général rf exposition exigence. pour maintenir la conformité avec les directives d'exposition du RSS-102-Radio Fréquence (RF), ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.

# KLARVUE

[support@klarvue.com](mailto:support@klarvue.com)

V1.0

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