

# camojojo



Model: Trace

V2.0

# INTRODUCTION

## **Camojojo Trace Presentation**

The Trace is the cellular trail camera of the Camojojo brand.

The features of this trail camera are as follows:

- New designed antenna , smaller dimension of the camera.
- A newly designed mounting stand helps you place the camera and adjust the camera's angle.
- The bark texture material housing helps you to hide your camera.
- With NFC installed, you can quickly and easily add the camera to your smartphone.
- AT&T network operator is supported (3rd party SIM card is not support currently).
- Transfer the photos and videos to your smartphone.
- View your photos in the Camojojo App.
- View and play your videos in the Camojojo App without requiring HD videos.
- View the live stream from your camera to your smartphone.
- Check the status of your camera in the Camojojo App.
- Check the location of your camera in the Camojojo App.
- Explore more good content in the Camojojo App.

## **Thanks for choosing a Camojojo product.**

This User Manual will introduce you to the features of your new Camojojo Trace and will guide you through the acquisition of its functionalities so that you can use it to its full potential.

Our priority is to offer outstanding service to our customers.

If you need technical support for your camera, here is how to contact us:

Contact our telephone customer service from Monday to Friday, from 9:00 a.m. to 5:00 p.m., or send an email to [support@camojojo.com](mailto:support@camojojo.com) for help.

# ABOUT US

## Our Story & Belief

Camojojo was born with a simple concept of co-creating products with our fellow outdoorsmen. We are constantly searching for new possibilities of animal

scouting and are always inspired by every conversation we have with our users.

Innovative ideas and features just pop up and all we need to do is make them happen. Founded in 2004, our team is built with a group of engineers and marketers who love outdoors and want to make the outdoors more accessible to everybody. With the heavy R&D investment on the most advanced camera lens, lightning speed trigger speed, AI animal recognitions, live streaming, we have grown to be the leader in trail camera industry. Now we are even pushing ourselves to make live streaming possible for trail cameras affordable to every hunter. In the future, Camojojo will keep pushing the limit of trail cameras by listening to our users and bringing the cutting-edge technology into it. At the same time, create that community where hunters can share the exciting videos of the nature they got and a place where both outdoorsmen and urban people can be immersed in the magnificence of the nature.



# Contents

1. Look Through.....	5
What's in the Box.....	5
2. Knowledge of the Camera.....	6
Power Supply.....	6
SIM Card.....	7
Memory Card.....	8
USB Connection.....	8
Mounting Stand.....	9
Mounting Strap.....	10
Features and Specifications.....	11
3. Start Using.....	13
Download Camojojo App.....	13
Start the Camera.....	13
Add the Camera by Camojojo App.....	16
Check the Status of the Camera.....	16
Test for the Taking Photos.....	17
Settings of the Camera.....	18
Data Plan and Add-on Packages for the Camera.....	21
Transferring File to the Smartphone.....	23
Transferring Files to Computers.....	23
Camera Operation.....	24
Sharing the photos and videos to others.....	25
4. Troubleshooting.....	26
5. After-Sales Service.....	27
6. Warranty.....	28

# 1.Look Through

## What's in the Box



Cellular Trail Camera X1



Mounting Stand X1



Mounting Strap X1



USB-C Cable X1



USB to DC adapter X1



SIM Card X1



Quick Start Manual X1



Manual X1

## 2.Knowledge of the Camera

### Power Supply

#### Battery Specification

The camera runs on 12 AA batteries(4.6V~7.2V). Alkaline battery, high-performance Ni-MH rechargeable battery and lithium battery are all compatible (we recommend using alkaline battery for the best performance)

Please note that mixed using battery types/brands, or old and new batteries may cause permanent damage to the camera or reduce the performance of the camera.

The batteries should be inserted in the battery compartment with the electrodes in right direction, as marked in the battery compartment.



**Note: The camera only support 6V power source otherwise it may damage the camera.**

## Using Life

The using life of the camera mainly depend on the quality of AA batteries. The test result of using life for camera with AA batteries is as follows:

Battery Type	Work Mode	Average Using Time
12 AA batteries	Auto	About 2 months
	Eco	About 4 months
	Boost	About 45 days

Camojojo Trace is can be charged by external power supplier like solar panel. Strongly recommend you to use our solar panel Camojojo Double to extend the using life of your trail camera. More information you can see our official website [www.camojojo.com](http://www.camojojo.com) or search “Camojojo double” on Amazon.

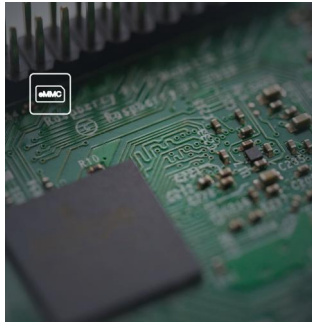
## SIM Card

A SIM card is pre-inserted in the trail camera, which is activation free, and supports LTE (4G) cellular data for transmission of photos and videos from the camera to the smartphone. There are three data plans and two add-on package for you to choose. The detail specification of data plan a nd add-on package you can see 3. Start Using -> Data Plan and Add-on Package for the Camera part.



## Memory Card

A memory card is pre-build in the trail camera, which capacity is up to 32GB, no need to buy a SD card and insert it to the camera.



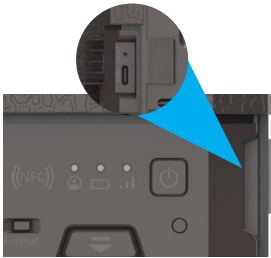
Please note that the capacity of memory card cannot be changed and there is no slot to insert a new SD card to the camera.

## USB Connection

The camera can be connected to the computer via USB-C cable, you can find and see photos and videos in computer-> DCIM folder (default) , which captured by the camera and stored in the memory card.



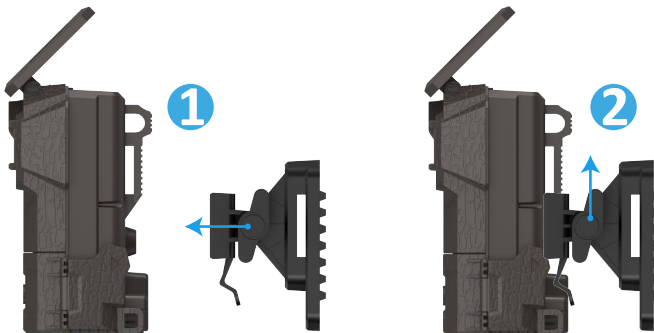


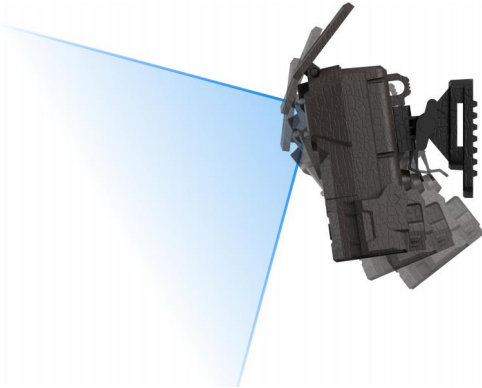


Please note that the USB cannot charge the camera after connecting the computer or other electronic devices.

## Mounting Stand

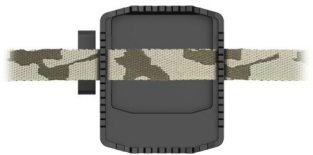
The mounting stand has a bearing that can be rotated up and down. After being installed on the back of the camera, the angle of the camera can be adjusted to obtain a larger field of view.





## Mounting Strap

The mounting strap can be looped through the intended slot on back of the camera or mounting stand. Choose a solid tree that does not move in the wind, as movement will cause false detection.





Please note that camera should be at the same height of the animal's mid-body.

## Features and Specifications

Item	Specification
Image Sensor	3 Megapixels CMOS
Lens	No Distortion DFOV=60°, F=2.0
Effective Pixel	2312x1304
FPS (video)	30
Day/Night Mode	Yes
PIR Range	Up to 65Ft (20m)
PIR Distance	Up to 65Ft (20m)
PIR Angle	Up to 80°
Trigger Speed	0.2s
Photo Resolution	5M (3072x1728) 3M (2304x1296) Thumbnail (640x360) for transmission to the smartphon
Photo Format	JPEG

Multi-Shot	1P~3P
Video Resolution	1080P(1920x1080) 720P(1280x720) CVGA(512x288) for transmission to the smartphone
Video Length	10s
Video Format	MP4
Audio	Yes (one-way voice)
Live Stream	Yes
Live Stream Resolution	720P(1280x720) 1080P(1920x1080)
Indicator Light	4 indicator lights
LED	850nm 44pcs
GPS	Yes
Operating Keys	4 keys
Interface	Type-C USB
Memory	32GB
Power Source	12 AA batteries (4.6V~7.2V)
Mounting	Stand X1 and strap X1
Operating Temperature	-4°F ~ 140°F
Storage Temperature	-4°F ~ 149°F
Operation Humidity	5%-90%
Waterproof	IP66
Camera Dimension	106mm *77.5mm *144.5mm
Camera Weight	379g (not include batteries and mounting stand)
Mounting Stand Dimension	82.5mm*81.5mm*56mm
Mounting Stand Weight	68g
Certification	CE, FCC ID, RoHS

## 3.Start Using

### Download Camojojo App

Please scan the QR code to download Camojojo App



### Start the Camera

- 1.Confirm the SIM card is correctly inserted in the SIM slot.
- 2.Turn ON the camera by short clicking the power button.
- 3.Three indicator lights(account indicator, battery indicator and signal indicator) will light light up, the specifications of indicator lights are as follows:

Indicator Type	Light Status	Specifications
Account Indicator Light	Solid green light	The camera has bound to the account and connect to the server successfully
	Slowly blink green light (1s interval)	The camera has bound to the account and connect to the server successfully
	Solid yellow light	Failed to read SD card data
	Quickly blink yellow light (0.5s interval)	The camera is formatting on Setup mode (will exit the current state if press any keys or after 5s)
	Slowly blink red light (1s interval)	The camera has bound to the account, but failed to connect with the server
	Solid red light	The camera has not been bound to the account
Battery Indicator Light	Solid green light	The battery power is more than 80% or the DC charger is connected
	Quickly blink green light (0.5s interval)	Firmware updating
	Solid yellow light	The battery power is between 20% to 80%
	Quickly blink yellow light(0.5s interval)	Firmware updating failed(will exit the current state if press any keys or after 5s)
	Solid red light	The battery power is less than 20%
	Quickly blink red light (0.5s interval)	Low power, the camera will turn off after 5s

Signal Indicator Light	Slowly blink green light (1s interval)	The network of camera is initializing and connecting
	Solid green light	There is a SIM card in the camera and the signal is strong
	Solid yellow light	There is a SIM card in the camera and the signal is okay
	Solid red light	There is a SIM card in the camera and the signal is weak or fail to connect the server
	Slowly blink red light (1s interval)	No SIM card or the camera does not support the SIM card
	Quickly blink red light (0.5s interval)	Fail to connect to the server, confirm the camera is in available data plan and try to restart

1. Based on the status of indicator light, go to next step.



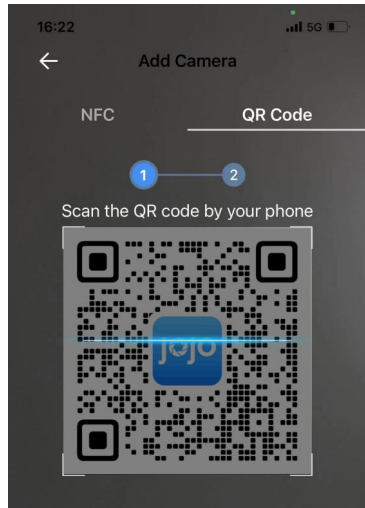
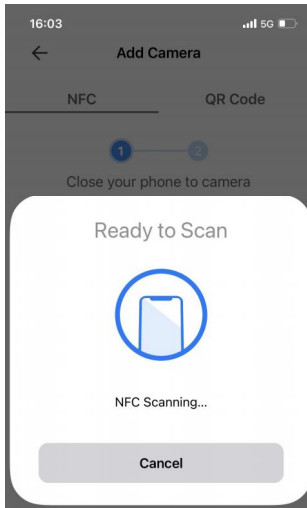
If something goes wrong, the abnormal indicator light will show red or yellow



If everything goes well, the indicator lights will show green

## Add the Camera by Camojojo App

1. Sign up and sign in with your account in Camojojo App
2. Add camera by NFC or scanning QR code

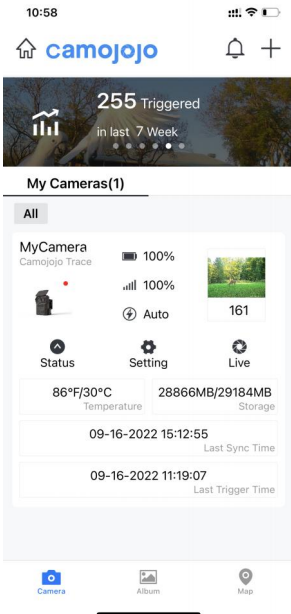


3. If you add camera to your smartphone successfully, go to next step

## Check the Status of the Camera

1. After adding the camera to your smartphone, it may take while to initialize the configuration of the camera. And then the information and status will be showed in App.

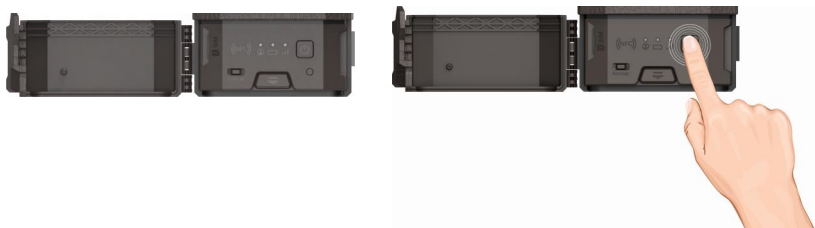




2.If no information and status are showed for a long time, try to restart the camera and check the status of indicator lights.

## Test for the Taking Photos

There are two modes with the trail camera: Setup Mode and ON Mode  
 Setup Mode: When the latch of the camera is open, the camera is in Setup Mode. In the Setup Mode, you can short click the power button to take a photo, the photo will send to your smartphone and the camera will sync with the server.



**ON Mode:** When the latch of the camera, the camera will switch to ON Mode. In the ON Mode, the camera can be triggered by PIR to take a photo, as for whether the photo will be sent to your phone, it depends on the current Work Mode of the camera. By the way, In the ON mode, you can wave your hand in front of the camera to trigger it, if everything goes well, you can take your camera.

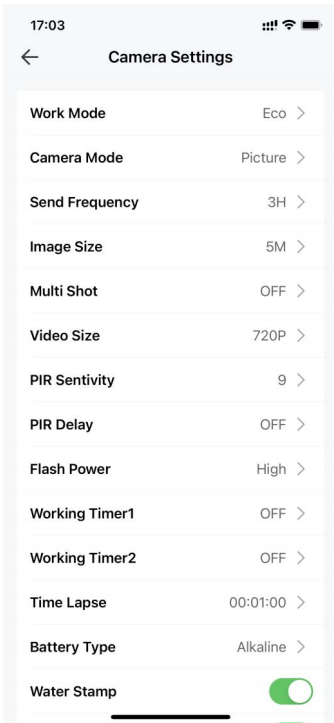


## Settings of the Camera

The setting of the camera only can be changed via App, the specifications of setting items are as follows:

Item	Specification	Explanation
Work Mode	Eco/Auto/Boost	<p>Allow you to choose the work mode of camera via App.</p> <p>Eco: The power saving mode. The camera will collectedly send photos and videos to your smartphone at 00:00 daily. The update of setting will take effect at 00:00 daily. Cannot to live in this work mode.</p> <p>Auto: The balanced mode. The camera will photos and videos to your smartphone instantly. The update of setting will take effect after each trigger. Support to enter the live within 10 mins after each trigger in this mode.</p> <p>Boost: The high performance mode. The The update of setting will take effect after instantly. Support to enter the live anytime in this mode.</p>
Camera	Photo/Video	Allow you to choose the mode of capturing.
Mode	Photo/Video	<p>Photo: Take a photo in a trigger.</p> <p>Video: Take a 10s video in a trigger.</p> <p>Photo+video: Take a photo and take a 10 video in a trigger.</p>
Mode	5M/3M	<p>Allow you to choose the size of photo.</p> <p>5M: 3072x1728</p> <p>3M: 2304x1296</p> <p>(The photo sent to your smartphone is in thumbnail size)</p>
Multi-Shot	OFF/2P/3P	Allow you to take 2~3 photos at each trigger
Video Size	1080P/720P	<p>Allow you to choose the size of video.</p> <p>1080P: 1920x1080</p> <p>720P: 1280x720</p> <p>(The video sent to your smartphone is in thumbnail size)</p>

Send Frequency	3H/6H/12H/24H	
PIR Sensitivity	0~9	Allows you to choose the detection sensitivity of the device. A higher sensitivity allows you to detect movement in front of the camera more effectively, so the camera will take more pictures.
PIR Delay	OFF/ON	Allow you to choose a minimized period of time between two triggers.
Time Lapse	OFF/ON	Allows you to choose a interval to take a photo no matter whether there is something triggering the camera. A longer delay minimizes the number of photos taken and therefore maximizes battery life. A shorter delay maximizes surveillance in the area but consumes more power. Shorter delays are recommended when the camera is used for security purposes.
Flash Power	High/Low	
Working Timer1	OFF/ON	Allow to set up a period of time, the camera will only work in the period of time.
Working Timer2	OFF/ON	Same as Working Timer1
Water Stamp	OFF/ON	Allow you to choose whether to display water stamp on photos and videos
Battery Type	Alkaline/Ni-MH/Lithium	Allow you to choose the current battery type to suit the voltage best
Cycling Recording	OFF/ON	Allow you to choose the whether auto delete the oldest photos and videos when the memory is nearly full, meanwhile save the new photos and videos.



Please note that:

1.The settings will update when the camera syncs with the server.

2.The camera could get a longer battery life if you Eco mode in Work Mode, but the camera cannot send photos and videos instantly in this work mode.

3.The camera in Eco mode will update status and settings within 24H. if the camera is in the Auto mode and Boost mode, it will update status and settings after a trigger occurred. If the camera is in the Boost mode, the status and settings will update instantly.

## Data Plan and Add-on Packages for the Camera

There are three data plans and two add-on packages for user to choose, it helps to transmit photos and videos from the camera to the smartphone, and allows you to watch the live via the camera. The specifications of data plans and add-on packages are as follows:

### Premier

- Unlimited Pics / Videos per month
- 365 days cloud storage
- 20 HD per month
- 20 min live stream per month

### Elite

- 800 Pics / Videos per month
- 365 days cloud storage
- 10 HD per month
- 10 min live stream per month

### Basic

- 300 Pics / Videos per month
- 365 days cloud storage

### Free Trial

- Unlimited Pics / Videos in first 7 days
- 7 days cloud storage

### HD Package

- 100 HD items for Pics & Video
- Available for all cameras

### Live Stream Package

- 60 min live stream
- Available for all cameras

Please note that:

- 1.The items in data plan include pics/video transmission quota, cloud storage for pics/video and live stream minutes are based on the camera. The HD quota included in the data plan could be shared to other cameras in your account.
- 2.The HD package includes 100 HD quota for all cameras in your account.
- 3.The live stream package includes 60 minutes for all cameras in your account.
- 4.Choose the data plan and package suit you best.

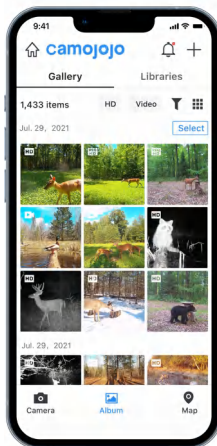
If you want to get HD photos or videos remotely, you can require them via App, the HD items will send to your smartphone when the camera syncs with the server.

The price and more detailed information about data plan please view on [www.camojojo.com](http://www.camojojo.com)

## Transferring File to the Smartphone

During the validity period of the data plan or free trial, the camera will send photos and videos to your smartphone. If the quota of sending is used up or the data plan expires, the camera no longer sends photos and videos to your smartphone.




You can see the photos and videos in Camojojo App album in thumbnail. If you want to get the HD photos or videos, please require HD photos or videos via App.



## Transferring Files to Computers

The camera can be connected to the computer via USB-C cable, you can find and see photos and videos in computer-> DCIM folder (default) ,which captured by the camera and stored in the memory card.

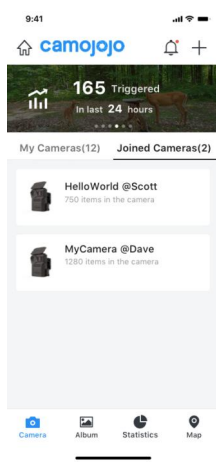
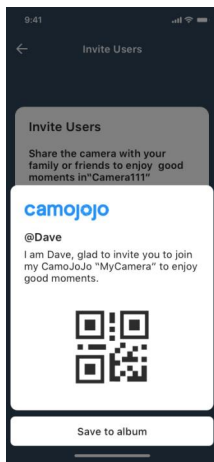
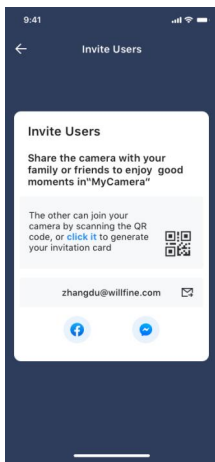
## Camera Operation

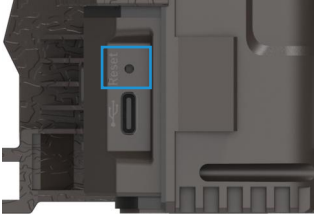
Item	Specification
Power	<p>1.The camera is OFF: Short click to TURN ON the camera, then the camera enters to Setup Mode.</p> <p>2.The camera is in Setup Mode: Short click to take a photo or video.</p> <p>3.Long press the power button for 3s to TURN OFF the camera.</p> 
Work	<p>1.Open the latch, the bump on the inside of the lid no longer touches the button, then the camera enters to Setup Mode.</p> <p>2.Close the latch, the bump on the inside of the lid presses the Work button, then the camera enters to ON Mode.</p> 
Format	<p>In Setup Mode, long press format button 10s to format the memory card.</p> 



## Sharing the photos and videos to others

You can share your photos and videos with others like your family, friends, or anyone interested in it. In Camojojo App, you can generate an invitation card to invite others join your camera by scanning the QR code in the card with Camojojo App, after joining your camera they can view what your camera captured and no number limitations. Surely you can join others' camera to view what him/her captured.



Reset	<p>In Setup Mode, long press reset button 6s to restore the camera to default status.</p> 
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## 4.Troubleshooting

The camera takes photos or videos without any target objects (false triggers)

(1)The PIR sensitivity is set too high:

In addition to troubleshooting using the solutions below,you should first check the camera's PIR sensitivity level.

(2)Hot air:

The camera is triggered by detecting the movement of heat sources, so avoid mounting the camera near any equipment that emits hot air.

(3)Reflecting light:

Light can trigger thee camera, so avoid targeting the camera at anything that can reflect light (e.g.mirrors or moving bodies of water)

(4)Rising/setting sun:

So as to avoid targeting the sun as it rises or sets,mount the camera to face north or south.

(5)Unstable mounting:

If the camera's mounting is not stable, then it may move and mistake this for the movement of objects in its field of view. When mounting the camera check that it is completely stable and avoid mounting it on anything that can move or shake,e.g.small/weak trees.

(6)Target objects moving too quickly:

In the case of fast-moving objects, e.g.animals, if the camera is positioned too close, or perpendicular to the target trail,there is a possibility that the trigger will not go off in time.

(7) Tree leaves/branches:

Grass swaying in the wind,falling leaves on falling/moving tree branches/twigs can reflect the sun's heat and potentially cause false triggers.

The camera is not capturing any photos or videos

(1)Camera is not in ON Mode:

In addition to troubleshooting using the solutions below,you should first ensure that the latch of the camera is closed (the Power button is set to ON).

(2)Batteries have insufficient power:

Check the status of battery indicator light on the camera. If the battery power is very low,replace the batteries.

(3)SD card is full:

Upload the files saved on the memory card to your computer, delete them from the memory card. And you can turn on the Cycle Recording in App to make the files in the memory card can be auto deleted (the oldest files).

The camera is not sending photos or videos to the smartphone.

(1)The data plan has expired:

Please check the status of your camera's data plan, if it is expired, the photos and videos cannot sent to your smartphone until you purchase a new data plan to activate your camera.

(2)Poor signal:

If the camera is installed in a place with poor signal, it may cause failure to send photos and videos.

If you have any questions or problems during using the camera, please contact us at

Telephone: (+1) 888 533 1006

Email: support@camojojo.com

## 5.After-Sales Service

At Camojojo Trace we have devoted many years to providing the highest quality and most complete after-sales service to our customers. Ensuring customer satisfaction is the most important part of our business. You can be confident that the quality of our products and our after-sales service is to the highest international standards. If you encounter any problems during the use of our products or services, please contact our after-sales support team at support@camojojo.com or call (+1) 888 533 1006. In order to more efficiently solve your problem, please provide the following information:

(1)A photograph that clearly shows the problem.

(2)The type of batteries you are using

(3)The temperature and area conditions of your camera installed

(4)A photograph of the camera's settings

Using the above information,our technical support team will be able to quickly ascertain the point of the problem,and endeavor to provide the relevant solution.

If in any way you are not satisfied with a Camojojo product or service,please contact our support team immediately and we will do whatever possible to satisfy your requirements.

## 6.Warranty

Every Camojojo product purchased includes a free 24-month warranty and life time technical support. Our support team reply to all emails within 24 hours. In order for the free 24-month warranty to be effective, Camojojo products must have been purchased from our Amazon store or the Camojojo official online store.Thank you for choosing Camojojo!



Telephone: (+1) 888 533 1006 Mon - Fri 9 A.M - 5 P.M CST

Email: [support@camojojo.com](mailto:support@camojojo.com)

Official Site: [www.camojojo.com](http://www.camojojo.com)

Facebook: <https://facebook.camojojo.com/page>

Instagram: <https://www.instagram.com/camojojooutdoors/>

Tiktok: <https://www.tiktok.com/@camojojo>

Youtube: <https://www.youtube.com/channel/UC7qujvJ19Y-RRotOSggorRw>



