

USER GUIDE

# 4G SOLAR TRAIL CAMERA 4K

Solar autonomy, 4G delivery and invisible night vision —  
so you never have to go back.

---

4K UHD · 4G + Solar · Live App · IP66

— v1.0

Keep this guide · 3-year warranty

# 01 CONTENTS

---

## 02 COMPONENTS

---

## 04 NETWORK & APP

---

## 06 NIGHT VISION

---

## 08 TROUBLESHOOTING

---

## 03 INSTALLATION

---

## 05 SETTINGS MENU

---

## 07 SPECIFICATIONS

---

## 09 WARRANTY

---



- 4G Solar Trail Camera 4K
- Built-in solar panel + rechargeable 18650 battery
- 4G antenna
- Adjustable mounting strap
- Adjustable wall bracket
- Charging cable
- Quick-start guide

Pre-activated 4G SIM (1 year of data included) and micro SD card depending on the offer.

## 02 COMPONENTS

Identify each part of the camera before setup.



## 03 INSTALLATION

---

- 1** Unscrew the cover, insert the 18650 battery and the SIM card (contacts facing down), then the micro SD card.
- 2** Close the cover, checking the waterproof seal, then screw on the 4G antenna.
- 3** Position the camera so the solar panel faces south, then switch to TEST to aim and configure.
- 4** Switch to ON: after the red flash, the camera starts and connects to the 4G network.

**⚠ WARNING** Always observe battery polarity (+/-). Incorrect insertion permanently damages the device.

**Solar power** The solar panel continuously recharges the 18650 battery; a DC jack allows backup power.

## 04 NETWORK & APP

---

A 4G camera is controlled entirely from a distance — here is how to activate it.

### SIM CARD

#### 4G NETWORK

The pre-activated SIM card connects the camera to the best available network, with no setup.

### APP

#### CONNECT YOUR PHONE

Download the SightForest app (App Store / Google Play), scan the camera's QR code and follow the wizard. View photos, adjust the camera and receive alerts wherever you are.

### INDICATORS

#### 4G SIGNAL LIGHTS

The indicator lights show network quality: **red** = weak, **blue** = medium, **green** = strong. Place the camera where the signal is at least medium.

## 05 SETTINGS MENU

Open the menu via the built-in screen (TEST mode) or directly from the app.

SETTING	OPTIONS
Mode	Photo · Video · Photo+Video · Time-lapse
Video resolution	4K · 2.7K · 1080P · 720P
Video length	5 – 90 s (default 10 s)
Image size	36 · 30 · 24 MP
Burst	1 · 3 · 6 · 9 photos
Interval	1/5/10/30 s · 1/5/10/30 min
ISO	Auto · 100 · 200 · 400
PIR sensitivity	High · Medium · Low
Loop recording	On · Off
Language	EN · FR · DE · ES · IT · PL
Date / Time	DD/MM/YY
Password	4 digits
Format card	Yes · Cancel

## 06 NIGHT VISION

---

The 940 nm infrared LEDs are completely invisible: no glow gives the camera away. Flash range reaches 20 m in total darkness, switching automatically to black and white at night.

### PLACEMENT TIPS

- Face the solar panel due south, free of cast shadows (branches, roof).
- Mount the camera 0.8-1 m above the ground, angled slightly downward.
- Clear the detection zone of tall grass and moving branches.
- Avoid pointing due east or west (low sun = false triggers).
- Check framing and 4G signal in TEST mode before leaving.

## 07 SPECIFICATIONS

SPECIFICATION	VALUE
Photo resolution	36 / 30 / 24 MP
Video resolution	4K · 2.7K · 1080P · 720P
Network	4G LTE (SIM included)
Power	Solar panel + 18650 battery
Sensors	3x PIR · 120° angle
Trigger speed	0.2 s
Detection range	1 - 20 m
Night vision	Invisible IR LEDs · < 20 m
Screen	TFT 2.4"
Storage	micro SD ≤ 256 GB (FAT32)
Waterproof	IP66
Temperature	-20 → +70 °C
Certification	CE · FCC · RoHS

# TROUBLESHOOTING

---

**Q No 4G signal**

Check the antenna and SIM, then move the camera to an open spot; green light = optimal signal.

---

**Q Battery not charging**

Clean the solar panel and make sure it gets several hours of sun per day.

---

**Q No photos received**

Confirm SIM activation and app connection, then check the data plan.

---

**Q False triggers**

Lower PIR sensitivity and clear vegetation in front of the lens.

---

**Q Card not recognised**

Format the micro SD card to FAT32 ( $\leq 256$  GB) from the menu.

---



## FAQ

**Q Is the SIM card included?**

Yes, a pre-activated 4G SIM with 1 year of data is supplied. No setup required.

---

**Q Is a subscription needed?**

Not for the first year. After that, an affordable data plan is available.

---

**Q Does it work without sun?**

The 18650 battery provides several weeks of autonomy; solar extends use in normal conditions.

---

**Q What SD card size?**

Up to 256 GB, formatted as FAT32.

---

**Q How many cameras per phone?**

Up to 30 cameras on one account.

---

## 09

# WARRANTY

---

SightForest warrants this product against manufacturing defects for **3 years** from the date of purchase.

The warranty does not cover: damage from improper installation or use, corrosion, impacts, immersion beyond the IP rating, a damaged port or card, opening by an unauthorised third party, removal or alteration of the serial number.

Keep your proof of purchase. For any claim, contact support with the device serial number.



## SAFETY & COMPLIANCE

- Complies with CE, FCC and RoHS directives.
- Do not open the housing: no user-serviceable parts inside.
- Use batteries of the same type and brand; never mix new and used batteries.
- Remove the batteries during prolonged storage.
- Comply with local surveillance and privacy regulations.

### Support

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

[sightforest.com/help](https://sightforest.com/help)

Mon-Fri · 9 am-6 pm (CET)