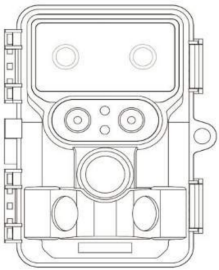
OS WILD
Trail Cameras

USER MANUAL

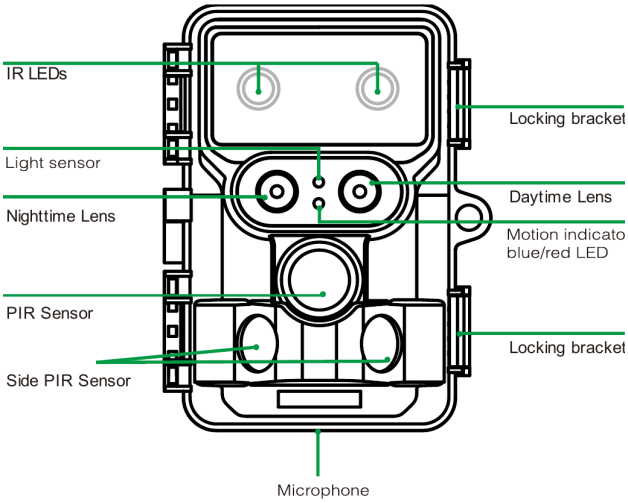
4K DS MAX

Wi-Fi Trail Camera



48 MP | IP66 | 4K video | 0.3 sec trigger

Camera overview

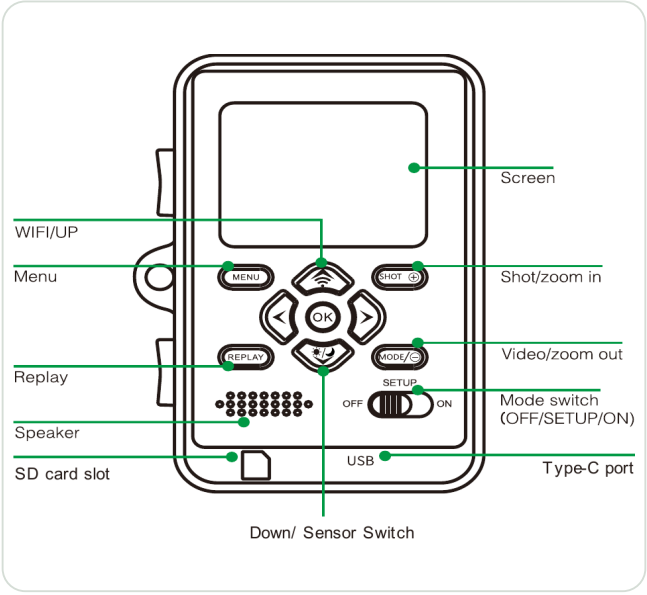


DUAL-SENSOR DESIGN

The 13 MP daytime sensor captures colour images in good light. The 2 MP Starlight night sensor is selected for low-light and infrared recording.

GETTING STARTED

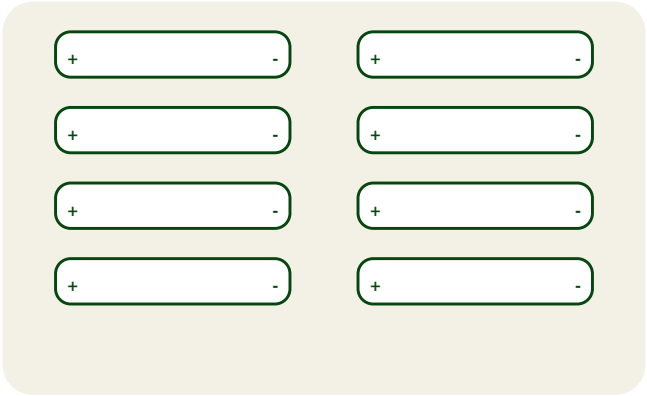
Inside controls



- The screen operates in SETUP mode for settings, live view and playback.
- An SD or SDHC memory card must be installed before the camera can record.
- Use the internal USB Type-C port for file transfer to a computer.

GETTING STARTED

Power and connections



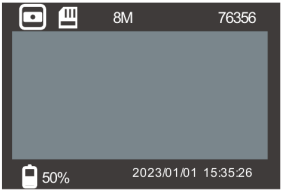
- Use eight matched AA batteries from the same pack. Do not mix old and new batteries or different chemistries.
- Lithium AA batteries are recommended. Alkaline batteries will normally provide shorter service life.
- An external 6 V / 2 A power source may be connected using the correct polarity and connector.

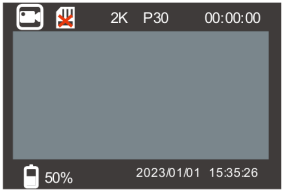
BEFORE CLOSING

Check battery polarity, the memory card and the sealing ring before latching the camera shut.

Screen indicators

Viewing screen indicators





	Photo/Video Mode
	SD Card Status
8M /2K P30	Current Image Resolution /Video Resolution
76356 /00:00:00	Image/Video Capacity Left
 50%	Battery life
2023/01/01 15:35:26	Date and Time

The screen displays the selected mode, card status, resolution, remaining capacity, battery level, date and time.

GETTING STARTED

Quick start

1. Remove protective films
   Remove the protective films from both camera lenses and all PIR sensors.

2. Install batteries
   Insert eight matched 1.5 V AA batteries, observing the polarity marks. Lithium batteries are recommended.

3. Insert a memory card
   Install a new Class 10 SD or SDHC card up to 256 GB and format it in the camera before use.

4. Install the app
   Download WILDLIFE CAM from the Apple App Store or Google Play.

MEMORY CARD

A Class 10 card is recommended for 4K recording. Formatting deletes all files, so back up any content first.

GETTING STARTED

Quick start

5 Connect the app
Set Wi-Fi and Bluetooth on, open WILDLIFE CAM and follow the prompts to add the camera.

6 Choose a position
At the installation point, move the mode switch to ON.

7 Mount securely
Use the supplied tree strap or the 1/4 inch mounting socket and aim the camera across the expected path of movement.

8 Confirm operation
The default is Photo mode, 8 MP, 30 second PIR interval and Medium sensitivity. Change settings if required.

FINAL CHECK

Close both locking brackets and make sure the seal is free from dirt before leaving the camera outdoors.

WI-FI APP

Install WILDLIFE CAM

OS Wild 4K DS cameras use the WILDLIFE CAM mobile app, available for compatible iOS and Android devices.

1. Install the app
   Download WILDLIFE CAM from the Apple App Store or Google Play.
2. Enable phone services
   Turn on Wi-Fi and Bluetooth. Allow the app permissions requested by the phone.
3. Start the camera
   Move the camera switch from OFF to SETUP or ON, then open the app.
4. Add a device
   Select the live-view icon, then use + Camera and follow the on-screen instructions.

NEARBY CONNECTION

The app connects directly to the camera. Keep the phone within wireless range. After first set-up, use My Devices to reconnect, rename or remove a saved camera.

WI-FI APP

Connect the app



Tap the camera in the device list, accept the request to join the camera's Wi-Fi network, and wait for the Wi-Fi icon to turn green. The live preview then opens.

WI-FI APP

App live screen



A. Exit the APP
B. Live image
C. Video mode
D. Image or video preview
E. Release button
F. Settings
G. Photo mode
H. Battery life
I. Current picture or video resolution

Use the live screen to preview the scene, take a photo, start video, view saved media, change app settings and monitor the camera battery and current resolution.

OPERATION

Mode switch and controls

OFF

Options: Power off

The camera is completely switched off.

SETUP

Options: Menu and playback

Turns on the screen and operating buttons so settings and recorded files can be reviewed.

ON

Options: Automatic recording

Arms the camera. After the status LED flashes for about 5 seconds, the camera enters standby.

Switching safely

Options: OFF to SETUP

Always move from OFF to SETUP. Moving directly from ON to SETUP may cause the camera to lock.

SETTINGS

Capture and PIR

Mode

Options: Photo / Video / Photo + Video

Choose the content captured when motion is detected. Photo + Video records the selected photo burst before the video.

PIR interval

Options: 5 seconds to 60 minutes; default 30 seconds

Sets the wait after one event before another trigger is accepted. A longer interval normally improves battery life.

PIR sensitivity

Options: High / Medium / Low

Adjust detection sensitivity to the site, weather and expected subject size.

Time lapse

Options: Off / On

Records at the selected time interval rather than by motion.
Note: PIR triggering is disabled while time lapse is active.

SETTINGS

Night and infrared

Night shooting

Options: Auto / Colour

Auto selects the daytime or night sensor according to light. Colour always records colour but image quality will fall in very low light.

IR LED

Options: Auto / Economy / Off

Sets the infrared illumination level for night recording.

Low-battery night mode

Options: No IR LED / No shooting

Choose whether the camera records without infrared or stops night recording when power is low.

Shutter speed

Options: 1/15 / 1/20 / 1/30

Selects the exposure speed used by the camera.

SETTINGS

Timing and sensors

Monitoring period

Options: Off / On

Limits operation to a start and end time. The camera will not trigger outside the selected period.

Side PIR sensors

Options: Off / On

Turn off the side zones if branches, leaves or movement at the edges of the frame create unwanted triggers.

Image size

Options: Day / Night

Recommended native sizes are 13 MP by day and 2 MP at night. Larger settings use interpolation.

Picture number

Options: 1 to 10 photos

Sets the number of photographs captured in succession for each photo-mode trigger.

SETTINGS

Video and audio

Video resolution

Options: Day / Night

Day default is 4K 30 fps. Night default is 1080p 30 fps. Higher resolution creates larger files.

Video length

Options: 5 to 180 seconds; default 10 seconds

Sets the recording duration for each video trigger.

Record audio

Options: Off / On

Enables or disables sound recording with video.

Storage planning

Options: Class 10 SD / SDHC

Use a fast card for high-resolution video and check remaining capacity before deployment.

General settings

Language and reset

Options: Language / Default settings

Select the menu language or restore the camera's default settings.

Format memory card

Options: Cancel / OK

Formats the card and deletes all files. Back up important recordings before confirming.

Date and time

Options: Date / Time / 12 or 24 hour

Set the clock and select whether a date, time, temperature, battery and moon-phase stamp is printed on recordings.

Sound and display

Options: Beep / Backlight 1, 3, 5 min or Off

Controls key sounds and the LCD backlight timeout.

SETTINGS

Wireless and security

Camera name

Options: 4K DS Max Wi-Fi

Give each camera a clear name when several units are used.

Password

Options: Off / On

Protects the camera from unauthorised access.

Bluetooth and Wi-Fi

Options: SSID / password / automatic Wi-Fi off

Default Wi-Fi password: 12345678. Wi-Fi can switch off after 1, 2 or 3 minutes if no phone is connected.

Power and firmware

Options: Auto power off / Version / MCU update

Sets the SETUP-mode timeout and displays or updates the installed firmware.

INSTALLATION

Mounting and sensor test

1. Choose the height
   Mount about 1.5 to 2 m above the ground and roughly 5 m from the area to be monitored.
2. Aim across movement
   Position the camera so subjects move across the sensor field rather than directly towards it.
3. Test in SETUP
   Walk through the intended detection area at different distances and angles.
4. Watch the indicator
   A flashing motion indicator confirms detection. Re-aim the camera if expected movement is missed.
5. Check the scene
   Remove moving branches and avoid strong direct sunlight, reflective water and nearby heat sources.

NIGHT EXPOSURE

For reliable infrared exposure, keep the expected subject more than 3 m from the camera and within the 20 m night range.

OPERATION

Going live

1. Complete set-up
   Confirm mode, resolution, PIR interval, date and time, memory capacity and power level.
2. Close the camera
   Check the seal and fully latch both locking brackets.
3. Move the switch to ON
   The red status LED flashes for about 5 seconds before the camera enters standby.
4. Leave the detection area
   Move away before the countdown ends to avoid recording the installer.

RECORDING

In ON mode the camera records automatically when movement enters an enabled PIR zone or when a scheduled time-lapse event occurs.

REFERENCE

Transfer files

1. Connect USB
   Connect the internal data USB Type-C port to the computer. The camera enters USB mode automatically.
2. Open the drive
   The computer detects a removable storage device.
3. Find the files
   Open DCIM and then the recording subfolder.
4. Copy recordings
   Copy or move photos and videos to the computer. The memory card can also be read in a card reader.

FILE TYPES

Photos are stored as JPEG files and video as MPEG-4 (H.264). Safely eject the camera or card before disconnecting.

REFERENCE

Specifications

Day lens	13 MP Sony native sensor; F1.9; 80 degree field of view
Night lens	2 MP Starlight sensor; F1.4; 93 degree field of view
Day photos	Up to 48 MP; 13 MP native resolution
Night photos	Up to 4 MP; 2 MP native resolution
Display	2.4 inch IPS 320 x 240 TFT-LCD
Trigger speed	0.3 seconds plus 0.2 second pre-boot
Day video	Up to 4K 30 fps; 60 fps available up to 2K
Night video	Up to 1080p 30 fps
Effective range	Day: 1 m to infinity; night: 3 m to 20 m
File formats	Photos: JPEG; video: MPEG-4 (H.264)

REFERENCE

Specifications

Detection angle	Central zone 60 degrees; total sensor zone 120 degrees
Trigger distance	20 m
PIR sensitivity	High / Medium / Low
Memory card	SD / SDHC up to 256 GB
Weather protection	IP66
Power	8 x AA batteries or an external 6 V / 2 A solar power supply
Typical battery life	Approximately 6 months at an average of 50 images per day

Battery life varies with temperature, signal use, image frequency, video duration and battery condition.

KEEP FOR LATER

Quick reference

Before deployment

- [ ] Power or charge level
- [ ] Memory card installed and formatted
- [ ] Date and time correct
- [ ] Recording mode and PIR interval
- [ ] Seal clean and latches closed
- [ ] Final motion test completed

Care

- Clean the lenses, PIR windows and seal with a soft cloth.
- Do not use abrasive cleaners or sharp tools.
- Remove batteries before long-term storage.

SUPPORT

Two-year warranty

WARRANTY COVER

Any fault caused by a material or manufacturing defect will be rectified, or the relevant parts replaced without charge, for two years from the date of purchase.

IF A FAULT DEVELOPS

Return the camera to:

The One Stop Nature Shop
Burnham Deepdale, Norfolk, PE31 8FB
01485 211223
sales@onestopnature.co.uk

OS WILD
Trail Cameras

SUPPORT

Frequently Asked Questions

What batteries should I use?

All OS Wild trail cameras use AA batteries. Energizer Lithium batteries have proved to be the best performing. Using rechargeable AA batteries may invalidate warranty coverage if a fault occurs, unless the batteries were supplied by us. For cameras with a built-in lithium battery, charge the camera overnight from a USB plug before first use and recharge it in the same way when required.

Where can I place the camera?

Non-solar models can be placed almost anywhere. Mount the camera at least 30 cm (1 ft) above the ground. Solar models perform best in direct sunlight, although they can still charge in shaded areas. Avoid positioning the camera over long grass, as dew can collect on the front and prevent reliable activation.

Why can I hear a clicking sound?

Single-sensor cameras, including the HD+ and 4K Stealth models, use a filter that switches between day and night modes when the light level changes. During setup, you may hear a click if you cover the sensor with your hand. This is normal.

SUPPORT

Frequently Asked Questions

What does shot lag mean?

Shot lag is the interval between recorded photos or videos. Finding the right balance can require some trial and error: a shorter interval records more activity but uses batteries and memory more quickly. Try different settings to find what works best at each location.

How much will a 32 GB card hold?

Capacity varies by camera model and recording settings. As a guide, a 32 GB SD or microSD card can hold approximately 3,500 photos or 1 hour 25 minutes of video at the highest resolutions. Higher-capacity cards can be used where the camera specification permits.

How does the Wi-Fi function work?

Wi-Fi creates a direct connection between the trail camera and a phone or tablet; home broadband is not required. Download the relevant app from the Google Play Store or Apple App Store. The connection works at approximately 10 m and allows you to transfer photos and videos, change settings and view the camera live. Turn off mobile data before connecting to the app. Use live viewing only for short periods because it can drain the batteries quickly.

OS WILD
Trail Cameras

Keep this manual for future reference. Before field use, confirm the memory card, batteries or charge level, date and time, recording mode and mounting position.

OS Wild 4K DS Max

Revision 02.2026