

LMRG FIELDMARK camera trap

A camera trap that sends its pictures in, as they are taken or once a day. The images are scanned and the animals identified by AI, so you get a report each day on what the camera caught overnight.

01 / 03 The camera



Concept render. The production housing may differ.

1 Solar panel

Runs the camera for long term use. It can also run on batteries.

2 Daylight camera

Takes the pictures by day.

3 Infrared camera

Takes the pictures at night, under the infrared flash.

4 Motion sensor

Triggers the camera when an animal moves in front of it.

5 Infrared flash array

Lights the scene at night for the infrared camera.

6 4G, WiFi and GPS

Sends pictures over the 4G network. Video is available over WiFi, through an Outpost Pro or your own WiFi connection. GPS shows where the camera is and tells you if it is taken.

7 Sealed housing

IP67 rated. The front is one sealed piece and the cover is on the back.

HOW THE PICTURE GETS TO YOU

01

Capture

Motion triggers the camera, day or night

>

02

Store

Each image is saved to the card as a backup

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03

Send

As they are taken or once a day, over 4G or by WiFi

>

04

Identify

Scanned, tagged and identified by AI at the data warehouse

>

05

Report

A report each day. A portal for images, reports and remote login to the cameras

CAMERAS

Daylight and infrared

CONNECTION

4G, and WiFi for video

LOCATION

GPS

HOUSING

IP67 rated

POWER

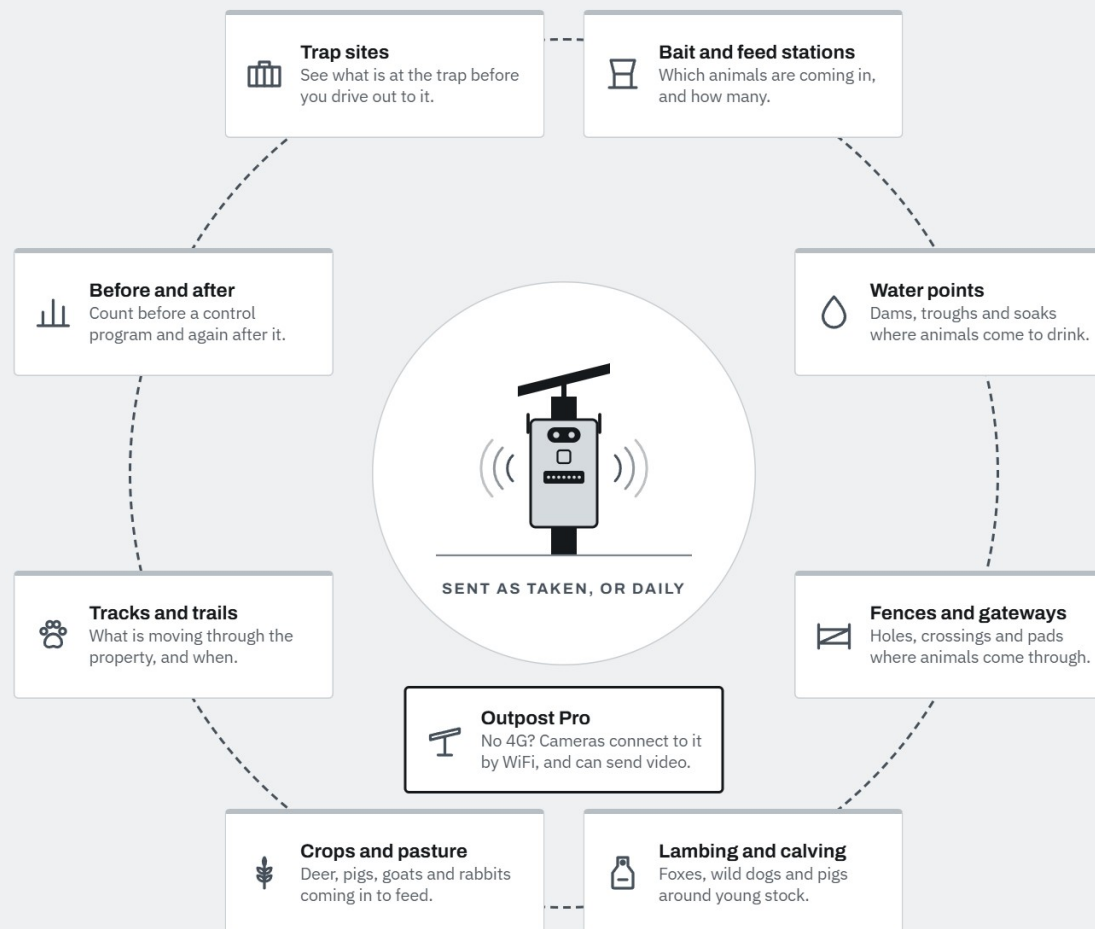
Solar or battery

Images are sent as they are taken or once a day, to suit the job. Buy the cameras outright, or subscribe short or long term with the data analysis included.

On the property

A camera trap usually means driving out to pull the card. FIELDMARK sends its pictures in as they are taken or once a day, and the animals are identified for you, so you know what came past overnight.

02 / 03 On the property



What it changes

A report each day

See what was on the cameras overnight without driving out to pull a card.

The animals are identified

Images are scanned, tagged and identified by AI. You confirm and check them in the portal.

You can check on each camera

Log in to a camera remotely while it is online. GPS shows exactly where it is placed, and tells you if it is taken.

Buy or subscribe

Buy the cameras outright, or subscribe short or long term with the data analysis included.

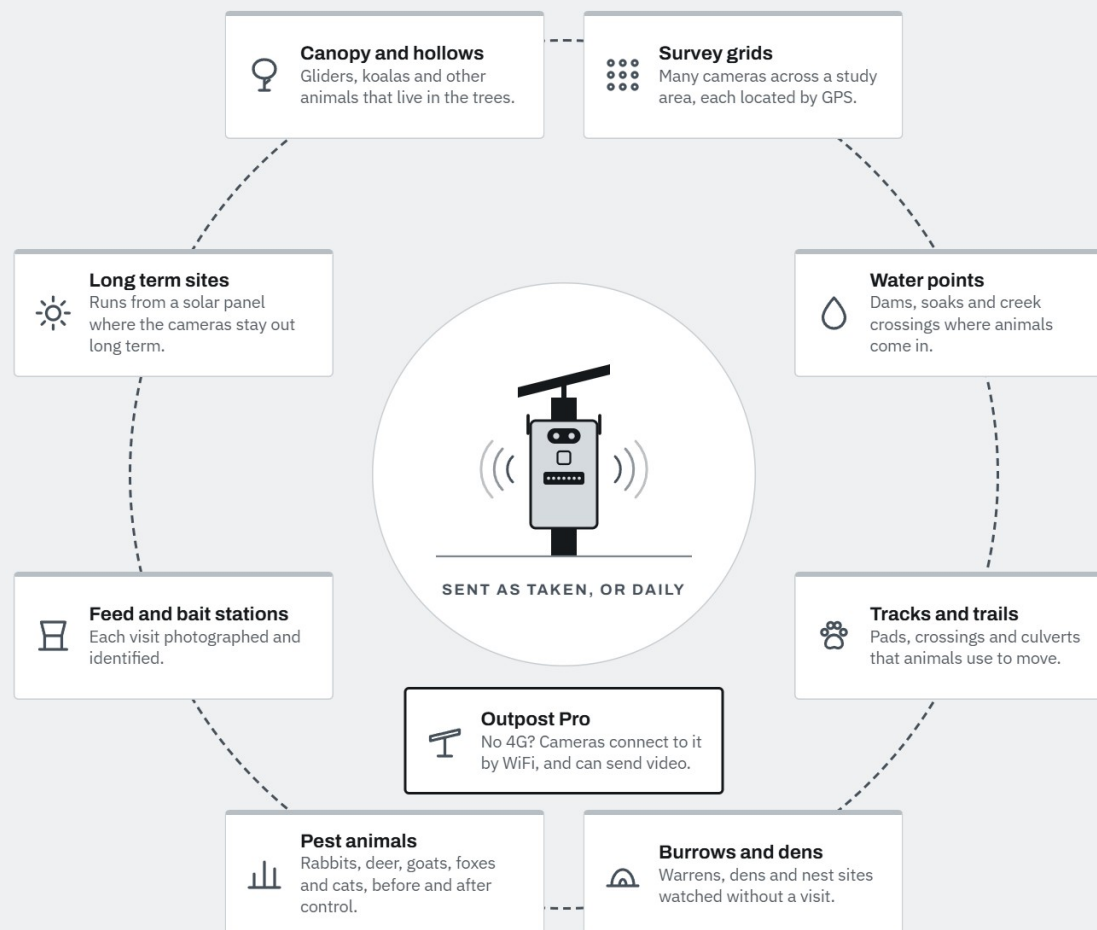
WHAT THE CAMERA NEEDS

A 4G signal at the site, or WiFi from an Outpost Pro or your own connection. Video is sent over WiFi only. It runs on batteries, or on a solar panel for long term use.

Research and monitoring

Field data usually comes home on a memory card, weeks after it was recorded. FIELDMARK sends its images in as they are taken or once a day, tagged and identified, while the survey is still running.

03 / 03 Research



What it changes

Data while the survey runs

Images reach the data warehouse as they are taken or once a day, not weeks later on a card.

Tagged and identified

AI scans, tags and identifies the animals. You confirm and check each image in the portal.

Fewer visits, less disturbance

Log in to a camera remotely while it is online. No one walks in to swap cards, so the animals are left alone and travel costs fall.

A backup in the camera

Every image is also stored on the card on board.

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