



Camera Trap

MOTION SENSOR CAMERA

Small mimetic video camera with motion sensor useful to recording images (photos or videos), **daytime and nighttime** or only nighttime, of wild animals in their natural habitat.

Feature

- › **BATTERY:** solar power and/or battery-operated. Battery life ranges between 3 and 8 months.
- › **NIGHTTIME FUNCTION:** for some models the function is limited up to 25 meters.
- › **PHOTO RESOLUTION:** between 8 and 50 MP.
- › **VIDEO RESOLUTION:** between 1,296 and 1,080 p.
- › **SHOOTING SPEED:** between 0.2 and 0.6 seconds.
- › **VIEWING ANGLE:** between 60° and 125°.
- › **STORAGE SPACE:** between 32 and 512 GB.
- › **PRICE:** between 60.00 and 200.00 \$

Keywords

ENVIRONMENTAL EDUCATION

INNOVATION

CITIZEN SCIENCE

CONSCIOUSNESS



How it works

The camera trap **should be placed at sites that offer the greatest likelihood of the elements to be imaged passing through.**

It will be activated only when it detects motion and only from that point it begin recording, allowing for longer battery life. It can be used even in total darkness thanks to infrared beams that are invisible even to animals.

The images turn out to be of high quality and can be sent, even in real time, to cell phones by e-mail.



ATTENTION

For best results, it is important to perfect camouflage.

Best practices

Besides being used to census and track wild animals for scientific purposes, **camera traps have become a very important tool for public awareness, education, and engagement programs**; many initiatives have used images and videos from camera traps to raise awareness (e.g. toward wildlife such as bears and wolves) as a function of increasing local and international support for protected and unprotected areas.

Camera trapping has made it possible to show animals and their behaviors that local people in an area had never seen. In addition, camera trapping has been essential in many Citizen Science projects.

Learn more about



WEB

- › <https://tncameratrapping.wixsite.com/musepat>
- › <https://www.camtrapping.com/>
- › <https://zslpublications.onlinelibrary.wiley.com/doi/full/10.1111/jzo.12945>



VIDEO

- › https://www.youtube.com/watch?v=fE_UH6MjtXk
- › <https://www.youtube.com/watch?v=h1sxHveBp9w>