



# Camtraptions PIR v4 Manual

*(extract)*



## Turning Your Sensor On and Off

The Camtraptions PIR Sensor v4 has been designed for **maximum reliability in long-term field deployments**. Its power-management system ensures that the sensor automatically recovers from any momentary power interruptions.

### Automatic Power-On

The sensor **automatically turns on** as soon as power is connected.

This behaviour is intentional and provides an important reliability safeguard. If power is ever **momentarily interrupted**—for example, by a brief loss of contact with the battery or vibration in the field—the sensor will automatically restart and resume operation without requiring user input. This ensures that your setup continues functioning even after jolts or disconnections.

### Manual Power Control

Once power is connected, the sensor can be **turned on or off manually** using the **power button** on the rear keypad:

- To **turn on**: Tap the power button and the screen will switch on.
- To **turn off**: Hold the power button again for approximately **two seconds** until the screen shuts down.

### Notes on Power Behaviour

- Because the sensor automatically powers on when a battery is inserted, it may **turn itself on during transport** if jostled or vibrated. This is normal and expected behaviour.
- When used in setups powered from a **central battery** (e.g. a shared DC power supply feeding multiple devices), the sensor will automatically **power back on** when the central power source is reconnected or replaced.
- In **solar-powered systems**, this feature ensures the sensor automatically resumes operation once solar charging restores power after an overnight or cloudy-day power loss.

This design guarantees the **highest possible reliability** in unattended camera-trap installations, ensuring the sensor always returns to active operation when power is restored.

*This manual extract applies to firmware version 1.19.*

*Exported from [docs.camtraptions.com](https://docs.camtraptions.com).*