



# Camtraptions PIR v4 Manual

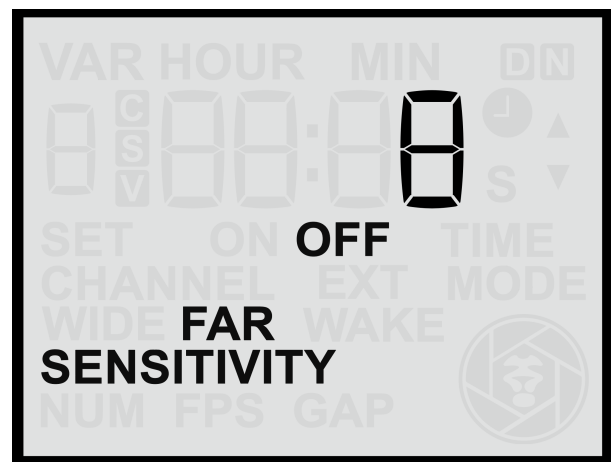
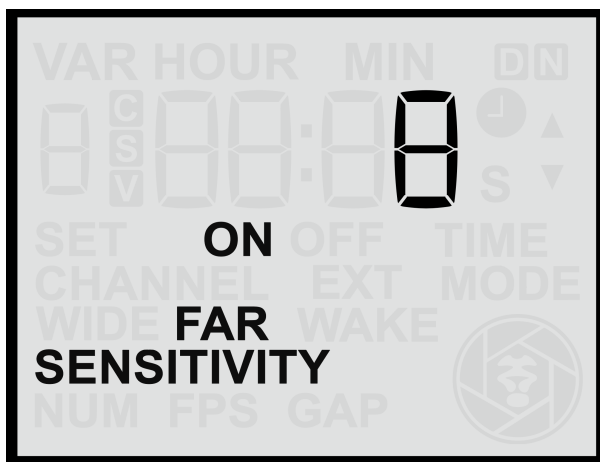
*(extract)*



## Far Sensor

The **Far Sensor** menu screen allows you to adjust the behaviour and sensitivity of the **long-range PIR lens**. This sensor has a much **narrower field of view** (approximately **10°**) and is significantly more sensitive overall than the wide sensor. It is designed for precise control of the trigger zone, enabling the user to determine exactly **where in the frame** the animal will be when the camera is activated.

Because of its narrow detection zone, the far sensor can be used much like a **“beam break”**, ideal for cutting across an animal trail or pathway to ensure triggering occurs only when the subject reaches a specific point.



### Accessing the Far Sensor Screen

1. From the **Home Screen**, press the **Right Arrow** repeatedly until you reach the **Far** screen.
2. Use the **Up** or **Down** buttons to adjust the sensitivity between **1 and 16**, where:
  - **16** = Maximum sensitivity (detects very small or distant motion).
  - **1** = Minimum sensitivity (detects only close or pronounced motion).
3. Press the **Set** button to **save** your chosen setting.

### Testing and Positioning the Far Sensor

To understand and fine-tune the detection range and behaviour of the far sensor:

- Temporarily **disable the Wide Sensor** so you can observe only the far lens's performance.
- Use the **red motion indicator light** to see exactly when motion is detected.
- Adjust the sensor's position and side flaps to align the detection beam precisely with your desired trigger zone.
- Once testing is complete, **re-enable both sensors** for full functionality.

Because its range is very long, the far sensor may sometimes detect motion **beyond the intended trigger zone** or **outside the camera's framing**.

To prevent unwanted detections, it can be effective to **mount the sensor slightly higher** and **angle the far sensor downward** toward the desired trigger area. This positioning limits its view of distant background areas and ensures it primarily "sees" the ground where the subject will pass, triggering reliably and precisely when the animal enters the frame.

## Changing the Far Sensor Function

As with the wide sensor, you can change the behaviour of the far sensor by pressing and **holding** either the **Up** or **Down** button for more than **2 seconds**. This cycles through three operating modes:

Mode	Description
<b>Normal</b>	The sensor behaves normally, triggering the camera or flash when motion is detected.
<b>Off</b>	The far sensor is disabled and will not detect motion or trigger the camera.
<b>Wake</b>	The far sensor sends only a <b>wake signal</b> to connected camera equipment but does not trigger a full shoot command.

The **Normal** mode is typically used for capturing the actual trigger moment. However, in some advanced setups, the **Wake** mode may be used strategically to coordinate multiple sensors or fine-tune camera wake-up behaviour.

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*This manual extract applies to firmware version 1.19.*

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