



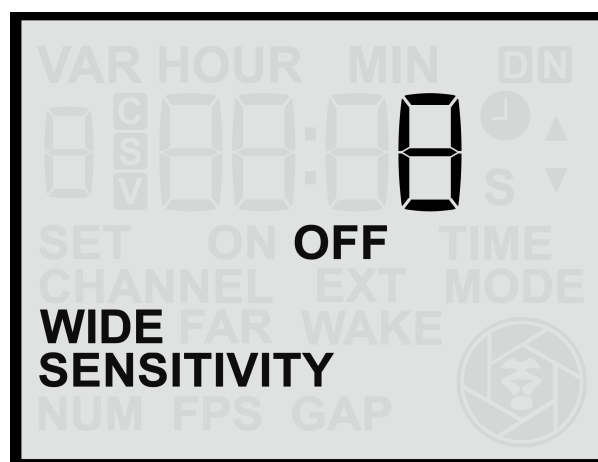
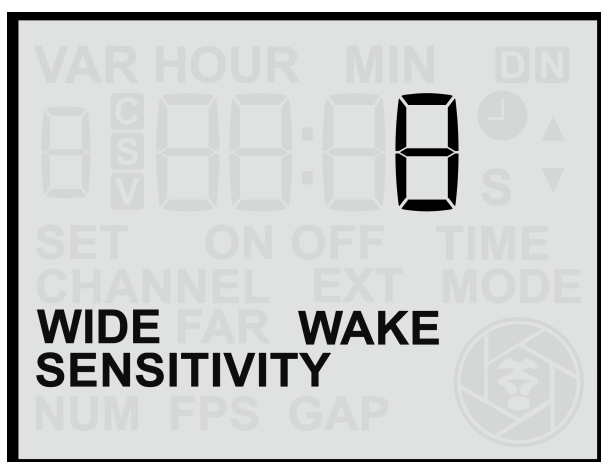
Camtraptions PIR v4 Manual

(extract)



Wide Sensor

The **Wide Sensor** menu screen allows you to adjust the behaviour and sensitivity of the **wide-angle PIR lens**. This sensor has a broader field of view (approximately **60°**) and is ideal for detecting animals earlier as they approach the camera.



Accessing the Wide Sensor Screen

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

Testing the Wide Sensor

To understand and fine-tune how the wide sensor behaves in your setup:

- Temporarily **disable the Far Sensor** to isolate the wide lens's detection zone.
- Use the **red motion indicator light** on the front of the sensor to see when motion is detected.
- Once testing is complete, **re-enable** both sensors for normal operation.

Testing each sensor individually can help you visualise their detection ranges and ensure the trigger zone aligns precisely with your intended framing.

Changing the Wide Sensor Function

You can also change how the wide sensor behaves by pressing and **holding** either the **Up** or **Down** button for more than **2 seconds**. This cycles through three operating modes:

Mode	Description
Normal	The sensor behaves normally, triggering the camera or flash when motion is detected.
Off	The wide sensor is disabled and will not detect motion or trigger the camera.
Wake	The wide sensor will only send a wake signal to connected camera equipment when motion is detected, but not a full trigger signal.

The **Wake** mode is particularly useful because the wide sensor often detects animals **entering the frame** before the far sensor does. Using it to send a **wake signal** ensures that by the time the far sensor sends the **shoot signal**, the camera (and any connected flashes) are already active and ready to respond.

This function is especially beneficial for:

- **Cameras that take a long time to wake from standby**, such as some older or budget mirrorless models.
- **Third-party flashes** that require a charging period before firing.

Note: Camtraptions Z Pro Flashes remain fully charged and ready to fire instantly, so this feature is not required when using Z Pro units.

Note: If a sensor is set to **Wake** mode, then the signal will only be sent if the PIR v4 has not been active within the last 30 seconds. This ensures that no unnecessary wake signals (and potential trigger delays) are occurring during periods of continuous activity in front of the PIR.

This manual extract applies to firmware version 1.19.

Exported from docs.camtraptions.com.