



Camtraptions PIR v4 Manual

(extract)



Suggested Camera Settings (Video)

When using the Camtraptions PIR Sensor in **Video Mode**, camera setup will depend largely on **creative goals** and **equipment preferences**. This section focuses on the key settings that ensure **reliable operation** when the camera is controlled by the sensor, rather than prescribing specific exposure or quality settings.

- **Focus Mode:** Use **Manual Focus** and pre-focus on the area where you expect the subject to appear. This prevents focus hunting when the camera is triggered and ensures consistent, sharp results. Use a small aperture to give a larger depth of field where necessary.
- **Exposure and Quality Settings:** Choose your preferred **resolution, frame rate, and picture profile** according to creative requirements, memory capacity and power considerations. The sensor will not affect these choices.
- **Power Saving:** Enable **Auto Power-Off** after approximately 30 seconds of inactivity to conserve battery life. The **Wake Time** feature of the sensor can be used (and for some cameras **must** be used) to reawaken the camera before a recording commences.
- **Stabilisation:** Turn **off image stabilisation (IS/VR)** on both the camera and lens to avoid unnecessary power use and framing drift.
- **Lights:** For night-time recording, use **continuous lights** rather than flashes. The sensor can trigger **Camtraptions Power Switches** to turn lights on and off using the same wireless signals that control the camera.

For Nikon and Canon cameras, the camera's menu settings must be configured to allow the shutter button to start and stop video recording. Enabling this option ensures the camera can respond correctly to trigger signals sent via the shutter release socket, allowing the sensor to start and stop video recording automatically.

This manual extract applies to firmware version 1.19.

Exported from docs.camtraptions.com.