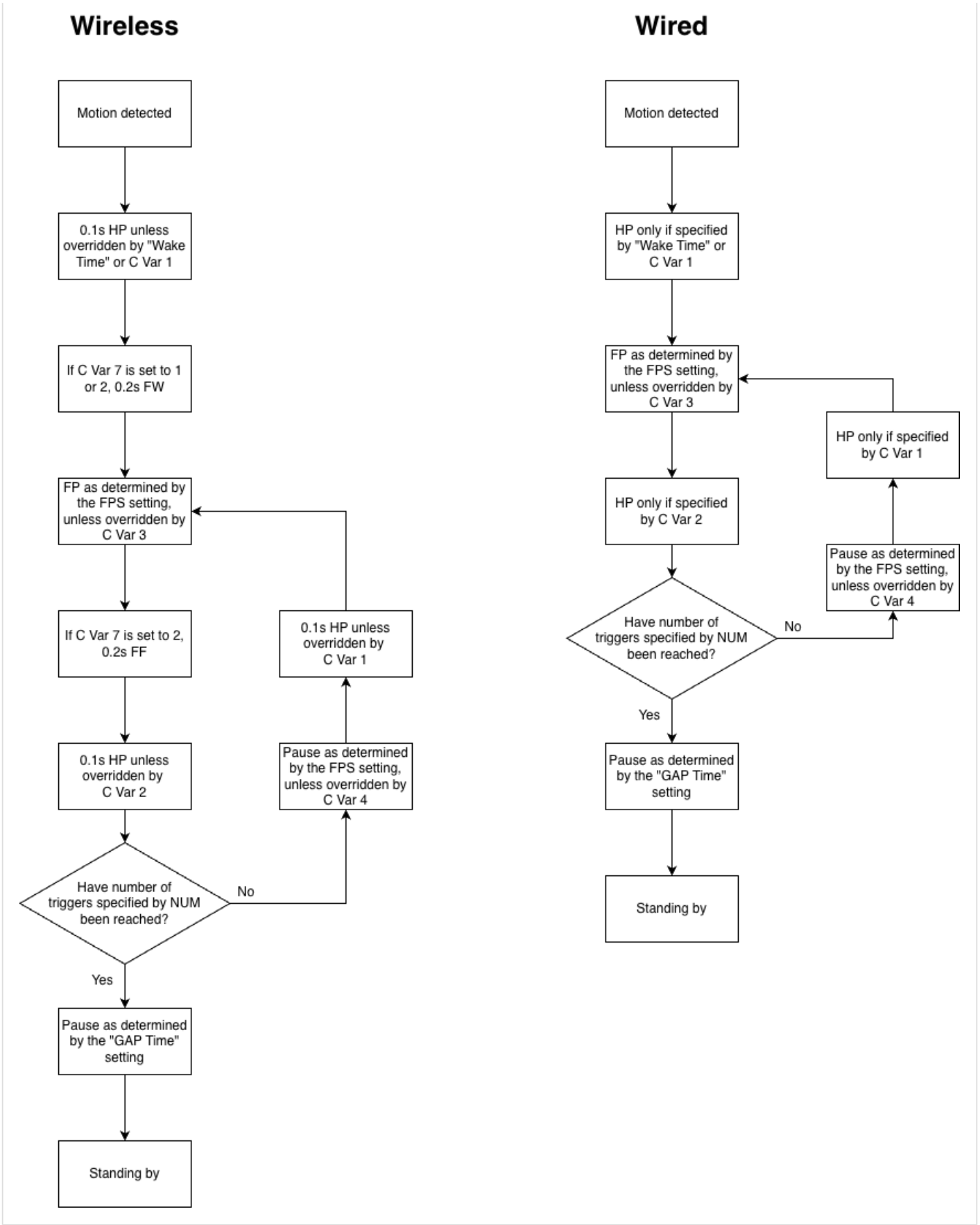
Camtraptions PIR v4 Manual
(extract)



Stills Sequence Timings

These flowcharts outline the sequence of operations when the sensor is set to **Still Mode**, for both Wireless and Wired outputs, including all optional timing adjustments via menu settings and **Custom Variables (C Vars)**.

Stills Mode


Wireless
Motion detected
0.1s HP unless overridden by "Wake Time" or C Var 1
If C Var 7 is set to 1 or 2, 0.2s FW
FP as determined by the FPS setting, unless overridden by C Var 3
If C Var 7 is set to 2, 0.2s FF
0.1s HP unless overridden by C Var 2
Have number of triggers specified by NUM been reached?
No
Yes
0.1s HP unless overridden by C Var 1
Pause as determined by the FPS setting, unless overridden by C Var 4
Pause as determined by the "GAP Time" setting
Standing by
Wired
Motion detected
HP only if specified by "Wake Time" or C Var 1
FP as determined by the FPS setting, unless overridden by C Var 3
HP only if specified by C Var 2
Have number of triggers specified by NUM been reached?
No
Yes
HP only if specified by C Var 1
Pause as determined by the FPS setting, unless overridden by C Var 4
Pause as determined by the "GAP Time" setting
Standing by

Signal Key

Abbreviation	Meaning	Description
HP	**Half-Press**	A half-press signal sent to the camera to wake it, initiate autofocus, or prepare flashes before a capture.
FP	**Full-Press**	A full-press signal that triggers the camera’s shutter release or starts/stops video recording.
FW	**Flash Wake**	A signal sent to compatible wireless flash units to wake them from sleep before firing.
FF	**Flash Fire**	A signal sent to trigger compatible flashes at the moment of exposure.

Notes – Still Mode

- **Flash Control (C Var 7 / 8):** Enables the sensor to wake or fire flashes independently of the camera (useful for systems like Sony that lack flash-wake signals).
- **Time Windows:** Sequence only operates within defined On Time periods; outside these times, motion is ignored.

This manual extract applies to firmware version 1.19.

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