Coding manual

Flags

0b000000000 – 9 bit flag variable indicating different events recorded by the device

0b000000001 – HW Timer. There was a recent hand wash. Do not record additional HW while the timer is high. Only has a 5s lifetime and then is set to 0

0b000000010 – Records the last direction. 0 if left and 1 if right. Quadrant directions do nothing

0b000000100 – data.

0b000001000 – trig. If the device is triggered, It recorded a direction of interest.

0b000010000 – buzz. If the buzzer is activated. If it shows the buzzer is activated, and if so should be lowered after an amount of time

0b000100000 – cues. Indicates whether the cues should be on.

0b001000000 – collect. Indicates whether the device should be collecting

0b010000000 – direction. Indicates the direction of interest