MOTION MONITORING ALGORITHM

VIDEO FEED →

Calculating absolute difference between the present and previous frame →

Finding contours and calculating the are of the contours (we will neglect very small contours of area 1 pixel)

If contours found → Results in motion detected

If contours not found → Results in no motion detected

Starts calculating no of contours found for 200ms

If no of contours are greater than threshold → Results in rigourous movement detected

If no of contours are less than the threshold → Results in no rigourous movement detected