

ABSTRACT

The present disclosure relates to dynamic action detection methods and apparatuses, and dynamic action control methods and apparatuses. The dynamic action detection method includes: adding an image frame in a video stream into a first queue, to obtain the first queue with a partially updated image frame; detecting a dynamic action in the partially updated image frame in the first queue; and updating an action detection result according to the dynamic action under the condition that the dynamic action does not match with the action detection result, the action detection result including an action reference result or a previously detected action detection result. Embodiments of the present disclosure may execute dynamic action detection according to the partially updated image frame in the first queue, so that the dynamic action in the video stream can be detected more timely; and the dynamic action can also be rapidly determined according to the starting frame or the ending frame of the dynamic action, so that the detection result of the dynamic action is more accurate and the detection efficiency is higher.