Title of Invention: HARDWARE RESOURCES ALLOCATION METHOD, APPARATUS AND SYSTEM FOR PROCESSING VIDEO STREAMS

ABSTRACT

The present disclosure provides a method, an apparatus and a system for allocating hardware resources to process a plurality of video streams generated by a plurality of image capturing apparatuses comprising: receiving an indication to configure each of the plurality of image capturing apparatuses to detect one or more target attributes of an object appeared in a video stream generated by the each of the plurality of image capturing apparatuses; selecting an attribute detection module configured to detect the one or more target attributes of the object according to the indication; and allocating one or more of the hardware resources to the attribute detection module to process the video stream and detect the one or more target attributes of the object.

[Figure 5]