

ABSTRACT

IMAGE PROCESSING DEVICE

The purpose of the present invention is to provide a technology which adaptively switches video analysis methods according to a congestion situation within a video, and which carries out a suitable video analysis by a limited computational volume. Provided is an image processing device 100, wherein a congestion estimation unit 102 estimates a congestion situation within a video which is acquired from an image input unit 101. A control unit 103 switches methods for video analysis according to the congestion situation. In a situation of low congestion, an image analysis unit for use in normal situations 105 carries out the video analysis by a basic method. In a situation of high congestion, an image analysis unit for use in congested situations 106 carries out a high-precision video analysis, such as an analysis which spans a plurality of frames.

(Figure for publication: FIG. 1)