FULL TEXT IN RUSSIAN
(http://ics.khstu.ru/media/2022/N73_09.pdf)

Informatika i sistemy upravleniya. – 2022. – No. 3(73). – P. 93-105.

Zatserkovnyy A.V., Nurminski E.A. (*nurmiskiy.ea@dvfu.ru*)
Far East Federal University

EVALUATION AND USE OF PUBLIC VIDEO CAMERAS PARAMETERS FOR ROAD TRAFFIC SURVEILLANCE

To collect reliable data about road traffic, it is essential to consider the parameters of video cameras, their location, and other characteristics which are not directly accessible. This paper presents computer technology used for processing the video stream which allows removing the perspective and radial distortions. It enhances the detection of different types of vehicles, raises the accuracy of traffic density and speed measurements estimation.
Keywords: computer vision, camera calibration, distortion correction.

DOI: 10.22250/18142400_2022_73_3_93

For citation:
Zatserkovnyy A.V., Nurminski E.A. EVALUATION AND USE OF PUBLIC VIDEO CAMERAS PARAMETERS FOR ROAD TRAFFIC SURVEILLANCE // Informatika i sistemy upravleniya. – 2023. – No. 3(73). – P. 93-105.