

Traffic Awareness Driver Assistance based on Stereovision, Eye-tracking, and Head-Up Display

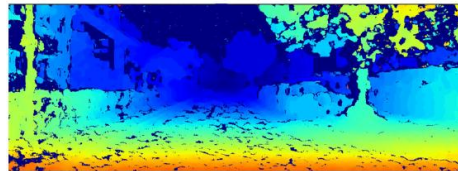
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Motivation:

We present a system which is able to estimate the driver's gaze direction in order to warn the driver when traffic lights or oncoming vehicles could have been missed by the driver



Traffic Light and Vehicle Detection



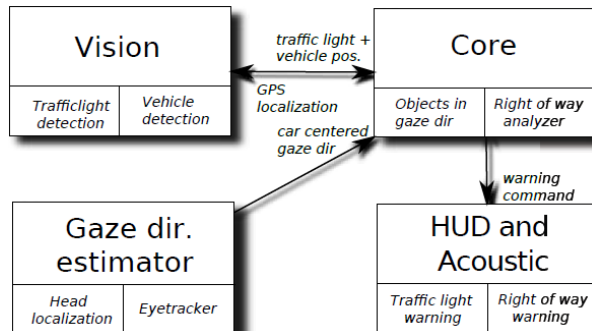
Estimation of Gaze Direction



Head-Up Display



System Description



Demo

