

Autonomous Navigating System Using LiDAR Sensor

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Abstract: *An overview of light detection and ranging (LiDAR) sensor technology for autonomous vehicles is presented in this paper. The sensor called LiDAR sensors is a key component of autonomous driving's for the upcoming generation as an assistance function. LiDAR technology is discussed, including its characteristics, a technical overview, prospects as well as limitations in relation to other sensors available in the industry. Comparison and comment on sensor quality are based on factory parameters. The basic components of a LiDAR system from the laser transmitter to the beam scanning mechanism are explained*

Keywords: *LiDAR sensors*

