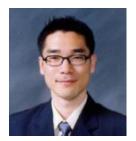
Driving Information Logger with In-Vehicle Communication for Autonomous Vehicle Research

Kyungbok Sung, Kyoungwook Min, and Jeongdan Choi

Autonomous Driving System Research Group, ETR, Daejeon 34219, Korea kbsung@etri.re.kr, kwmin92@etri.re.kr, and jdchoi@etri.re.kr

Abstract—In this paper, we describe in detail the driving information logging used in developing an autonomous vehicle. The recorded vehicle information is used to identify the cause of problems in the system or undesired operations. Driving information logging can be used in many areas such as analysis of problems in the study of autonomous driving system and analysis of accident risk.

Keyword—Autonomous Vehicle, Driving Information, Logging, In-Vehicle communication



Kyungbok Sung graduated from Ajou University in 1998 and receive the M.S. degrees from Korea Advanced Institute of Science and Technology (KAIST) in 2004. In 2004, he joined Electronics and Telecommunications Research Institute (ETRI). His research interests encompass autonomous driving vehicle, vehicle control, vehicle simulation, and driving data management platforms and analytics.



Kyoungwook Min received a Ph.D. in computer science from the Chungnam National University in 2012 and is currently a principal researcher at Electronics and Telecommunications Research Institute (ETRI). His main research interests are autonomous vehicles, GIS, and large databases.



Jeongdan Choi is the leader of the autonomous driving system research group at Electronics and Telecommunications Research Institute (ETRI). She received her doctorate in computer science from the Chungnam National University in 2005. Her main research interests are graphics, autonomous vehicles, and machine running.