

Building an in-car environmental monitoring system.

Tran Thi Lan

Abstract: This topic aims to build an in-vehicle environmental monitoring system to improve vehicle safety and operational performance. Through the integration of environmental sensors and wireless communication technology, the topic combines theoretical research with experimentation, analyzing and proposing solutions for this complex problem. The expected results from the system will significantly contribute to enhancing monitoring capabilities and immediate responses to changes in the vehicle's surrounding environment, thereby ensuring greater safety for users.

Keywords: Environmental monitoring system, Automobile, Sensor, Wireless communication technology, Safety