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Advance System for Over Speed Detection

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Abstract: One of the top priorities in smart cities is the implementation of an effective over speed detection system. Over speed detection system are crucial components in ensuring the safety and efficiency of various mechanical and transportation system with advancements in technology and the increasing demand for higher levels of safety, there has been significant progress in the development of over speed detection systems. This abstract provides an overview of recent advances in this field. Drivers who excessively speed and those who flout traffic laws significant contributors to increased collisions. This pressing issue demands immediate attention to reduce the seemingly senseless loss of lives.

Additionally, the paper discusses the integration of over speed detection systems into various industries, including automotive, aerospace, maritime, and industrial manufacturing. It highlights the challenges and opportunities associated with the implementation of these advanced systems, such as cost-effectiveness, interoperability, and regulatory compliance.

Keywords: Tracking Vehicles, Alert Generation, STVDS, RTO Traffic Rules

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