

# AUTOVELOX SAFEDRIVE



**Sodi Scientifica** is proud to introduce its latest innovation: **Autovelox SafeDrive**, aimed at addressing two of the most critical road safety issues worldwide: **distracted driving and the failure to wear seat belts**.

**Autovelox SafeDrive** has been developed specifically to address these issues. It automatically detects such violations with high accuracy using artificial intelligence algorithms, providing clear and indisputable evidence to traffic control agencies.

## Distracted Driving: A Growing Threat

Distracted driving is a major cause of severe and fatal accidents. Studies show that calling and texting while driving without a hands-free device is very dangerous. In Italy, ISTAT data from 2022 reveals that 15% of road accidents (over 37,000 cases) are due to distracted driving. European Commission research indicates distraction causes 10–30% of accidents in the EU. By 2030, all countries must have laws restricting or prohibiting mobile phone use while driving, according to Global Road Safety Performance Targets.

## The Importance of Seat Belts

Failure to use seat belts is another extremely risky behaviour in road traffic. A survey conducted by Anas (Azienda Nazionale Autonoma delle Strade) revealed that 28.4% of drivers and 31.9% of front-seat passengers do not wear seat belts. Internationally, the World Health Organization (WHO) estimates that proper use of seat belts reduces the risk of death by 50% for front-seat passengers and by 75% for rear-seat passengers.

**Autovelox SafeDrive** is a one-of-a-kind solution, setting new standards in road safety monitoring with unmatched accuracy and reliability:

- **VIOLATION DETECTION:** **Autovelox SafeDrive** uses advanced imaging and AI technologies to detect drivers using mobile phones, whether calling without hands-free or manually texting, scrolling...
- **SEAT BELT MONITORING:** **Autovelox SafeDrive** also monitors whether the driver and front-seat passenger are wearing seat belts, automatically detecting non-compliance.
- **OPTIMAL PERFORMANCE:** **Autovelox SafeDrive's** high-resolution cameras and infrared LED illuminators ensure continuous, reliable monitoring in any weather conditions.
- **PRIVACY COMPLIANCE:** **Autovelox SafeDrive** adheres to privacy regulations by partially blurring the faces of the driver and front-seat passenger, ensuring data collection aligns with legal requirements.



- **IMMEDIATE ENFORCEMENT:** **Autovelox SafeDrive** allows immediate enforcement of violations by stopping the vehicle on the spot, by providing documented photo evidence.
- **LICENSE PLATE RECOGNITION:** **Autovelox SafeDrive** can photograph and clearly display the vehicle's front license plate for automatic reading via OCR software, facilitating the documentation of the violations.
- **EASE OF INSTALLATION:** **Autovelox SafeDrive** can be easily installed on existing portals, underpasses, bridges, pedestrian overpasses, or dedicated roadside poles.
- **PERFORMANCE EXCELLENCE:** **Autovelox SafeDrive** delivers the best performance in automatic detection and recognition of violations, operating on a single lane of traffic at vehicle speeds of up to approximately 70 km/h.

**SODI SCIENTIFICA**  
TRAFFIC DIVISION

Via Poliziano, 20  
50041 Calenzano (Florence) - ITALY  
+39 055 886861 - info@sodi.com  
sodi.com