

Moving Off Information System

Innovative • Safe • Reliable

The Saykal Moving Off Information System (MOIS) enhances safety when vehicles start moving from standstill. Using radar-based sensing technology, the system monitors the area directly in front of the vehicle and identifies vulnerable road users such as pedestrians and cyclists. When a potential hazard is detected, MOIS provides timely warnings to help prevent collisions. The system complies with ECE R159 GSR regulations and supports safer vehicle operation in urban environments.



ECE R159

Compatible

UDS & J1939

Support

Configurable FOV

up to 140°

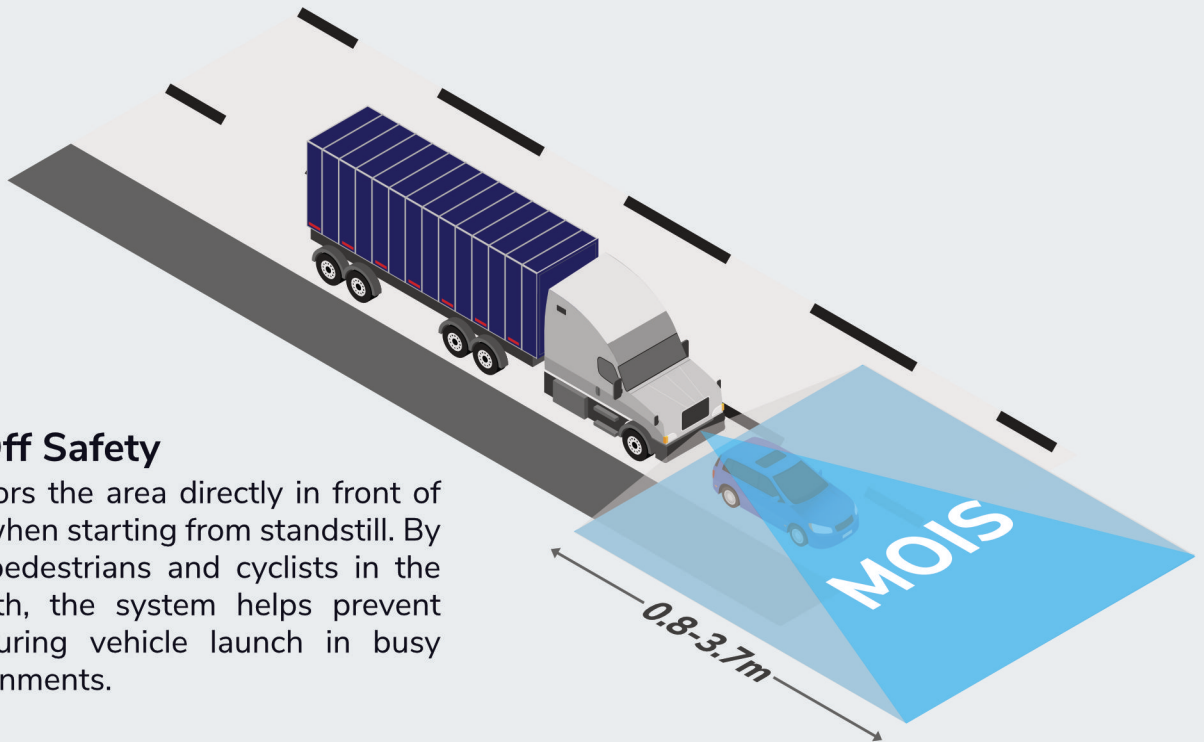
Radar Scanning Zone

up to 15m

Azimuth Accuracy

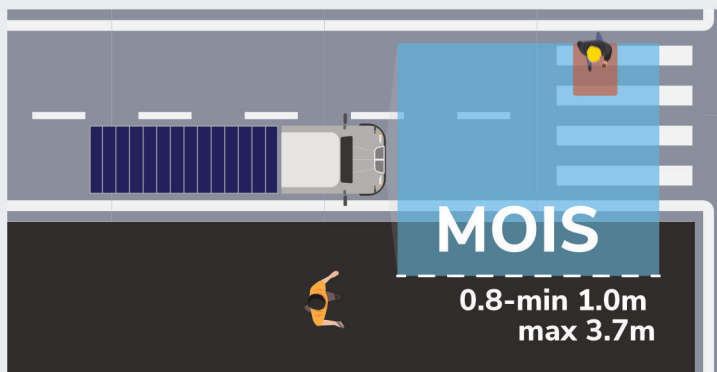
±3°

Application Examples



Moving-Off Safety

MOIS monitors the area directly in front of the vehicle when starting from standstill. By identifying pedestrians and cyclists in the vehicle's path, the system helps prevent accidents during vehicle launch in busy urban environments.



Forward Area Monitoring

During low-speed driving and maneuvering, MOIS tracks objects ahead of the vehicle and evaluates their distance and movement. This provides drivers with reliable awareness of the forward environment and helps maintain safer driving conditions.