

Noptel

Laser Radars for Traffic Control

Applicable for outdoor use in harsh environments
For OEM system integrators and end users
Easy to adapt to a camera system
Simple to install and maintain
Low power consumption
Accurate and reliable
Multifunctional
Eye safe

www.noptel.fi



Noptel Laser Radars

for traffic control

The compact and lightweight Noptel laser radars represent a perfect choice for a variety of tasks in traffic control and law enforcement. The ease of installation, adaptivity, multi-functionality and maintainability make the sensors attractive for both OEM system integrators and end-users. They are applicable for fixed installations and portable systems as well as for measuring both approaching and departing vehicles.

Tiny and versatile.



Technology

Noptel laser radars exploit laser pulse flight time technology, which allows a high speed measurement of distances to poorly reflecting surfaces with excellent resolution. The watertight and nitrogen filled casing ensures reliable operation under varying temperature and environmental conditions making the sensors suitable for outdoor use in harsh environments. Thanks to the high level of integration, the sensors are small in size, high in reliability and low in power consumption.



Applications

Speed violation control

- Accurate speed measurement
- Approaching and departing vehicles

Vehicle detection and counting

- Fast LPR /ANPR camera triggering

Vehicle classification

- Detailed profile measurement
- Type, size, length, height

Intersection control

- Crosswalk violation
- Red light violation
- Left turn occupancy

Queue / traffic density control

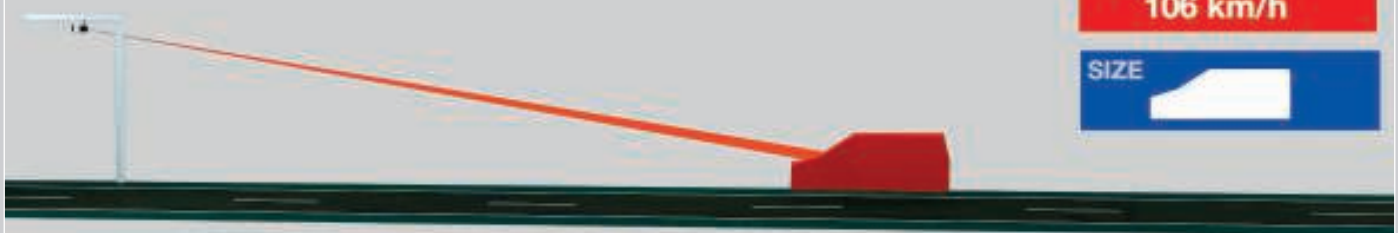
- Congestion information
- Safety distance information
- Road occupancy information
- Warning information

Entrance control

- Toll road, tunnel, ferry

Traffic information systems

Typically Noptel laser radars are installed above the road affixed e.g. to overpass, gantry, bridge, pole, etc. working as efficient law enforcement and traffic information tools.



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