SL ROAD SYSTEM - Basic

The Simple and Flexible Way to Vehicle Classification

- User defined vehicle classes based on decisive physical features as axle count, width etc.

- Axle counting, axle distance measurement,

- Dual tire detection.

- Height on the first axle sensor and maximum vehicle height sensor compatibility.

- Real time, offline and monitoring data outputs on TCP/IP sockets.

- Serial (RS232 or RS485) data outputs.

- Graphical based (Windows) customization tool.

- Up to 4 lanes with single controller

SL Road System Basic is an easy configurable vehicle classification system that has been designed to be considered all requirements of an axle based vehicle classification system. Flexibility, easiness and simplicity are the main design principles of SL-RS Basic.

SL-RS Basic comes with the industrial controller including the SL Road Configuration Software, fiber optic axle detector interfaces, the loop detector and power supply unit.

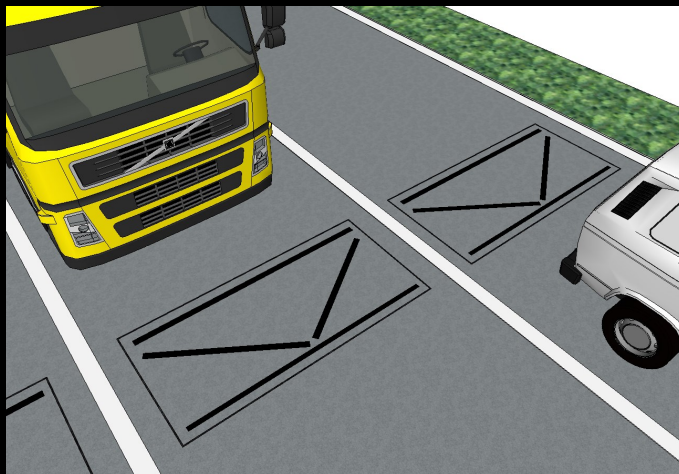A single controller can manage up to four lanes simultaneously.

Vehicle class definitions can be optimized by the graphical based system configuration tool.

Various sensor configurations meet the classification requirements of the toll road operators.
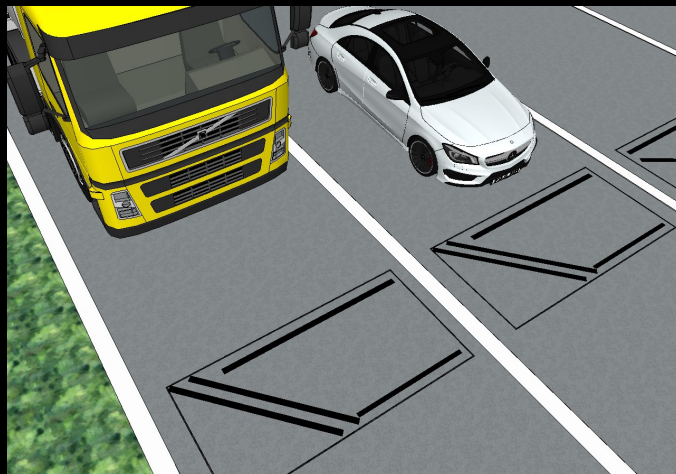
Serial port and ethernet port connections provide easy integration to the existing tolling and road management systems.

SENSORLINE.DE

Over 50,000 systems have been successfully installed in about 50 countries worldwide since 1996. The progressive technological developments as well as the high quality and reliability of the products have made Sensor Line a global market leader in the field of fiber optic traffic sensors.
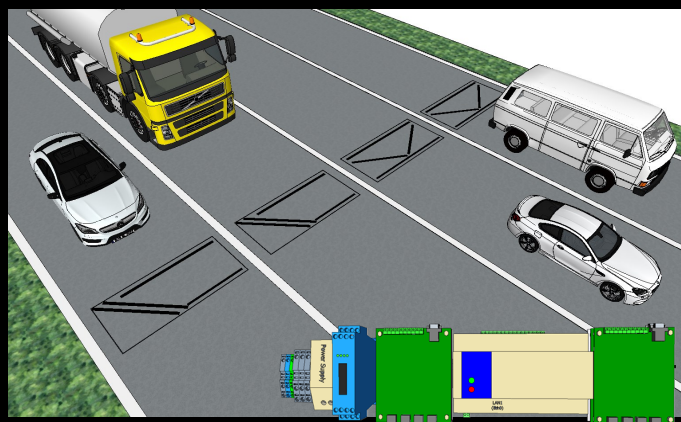
„Precise and Accurate "

„Dual Tire Detection"

Related Products

Art-No	Description
SL PUR SENSOR	Axle sensor
SL EZ SENSOR	Axle sensor with frame
SL PUR SLOT FILLER	Slot filler material

„Up to 4 lanes with a single controller„

Ordering Information

Art-No	Axle Counting	Axle Distance	Axle Width	Dual Tire	Lane(s)
SL Road System Basic 1	✔				**1-4**
SL Road System Basic 2	✔	✔			**1-4**
SL Road System Basic 3	✔	✔ (*)			**1-4**
SL Road System Basic 4	✔	✔	✔	✔ (**)	**1-4**
SL Road System Basic 5	✔			✔	**1-4**
SL Road System Basic 6	✔	✔		✔	**1-4**

(*) Precise constant axle distance comparing method
(**) Advanced tire width measuring (ATWM) method.