



Ultrasound sensor



US6003

US6003 uses ultrasound technology to detect vehicles. The sensor can measure vehicles' height and classify them (based on their height) in 3 classes (light vehicles, vans, heavy vehicles).

US6003 is a simple but accurate sensor, strong and suitable for outdoor environments.

The data provided are:

- Counting
- Classification (3 classes)
- Traffic status

VERSIONS

US6003 series is produced in different versions:

- US6003-0 sensor with serial line output RS232 and RS485
- US6003-1 sensor: relay with one output
- US6003-2 sensor: relay with two outputs which allow to preset two heights

APPLICATIONS

- Counting and classification of vehicles based on height
- Detection of queues
- Vehicles' height measurement

INSTALLATION

Ultrasound sensors must be installed above the centre of the lane, at an height between 5-7 meters.



Technology	Ultrasound
Detection range	11 m.
Dimensions	130 x 110 x 110 mm.
Weight	1 Kg.
Measurement period	30 - 80 ms
Communication line	RS232 - RS485
Power consumption	< 2W
Power supply	12 Vdc
Temperature range	-20°C : +50°C