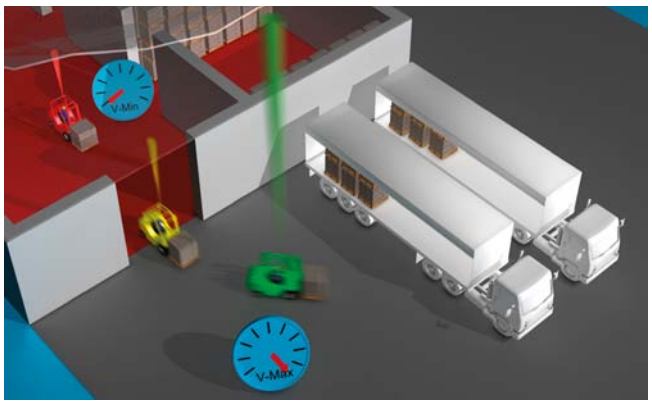
InDoor/OutDoor Speed Regulator

IOG-207

- **Sensor controlled InDoor/OutDoor recognition**
- **Reduced speed in indoor areas**
- **Maximum speed in outdoor areas**
- **Detection range from 1 m to 20 m**
- **Tamper protected**
- **Self-monitoring**
- **Simple fitting**
- **Learning by intelligent teach-in**



Function

With IOG-207 on the vehicle, the speed when entering an **Indoor area is automatically controlled** – and is switched free after driving out of the building. By doing this it supports organisational control in a technical manner.

The sensor

The IOG-207 is an optical sensor, based on IR technology.

The sensor transmits coded IR light via powerful transmitting diodes and receives this coded light via an integrated lens. Signal evaluation within the sensor achieves detection of an object (the roof of the building) via the sensor. IOG-207 is thereby to a large extent insensitive, for example against sun radiation within itself.

For introduction of speed control, a potential-free contact (relay contact) is available via the standard interface plug.

The IOG-207 can be simply and easily customised in situation-specific circumstances. By integrated potentiometers, the on and off switch time can be adjusted accordingly.

In this way, when outdoors any tree tops or overhead pipes which would bring a speed reduction can be switched out and avoided. The building roof is entered on commissioning by means of an intelligent teach-in process. By this the IOG-207 determines the average reflectivity and roof structure and sets itself independently on this.

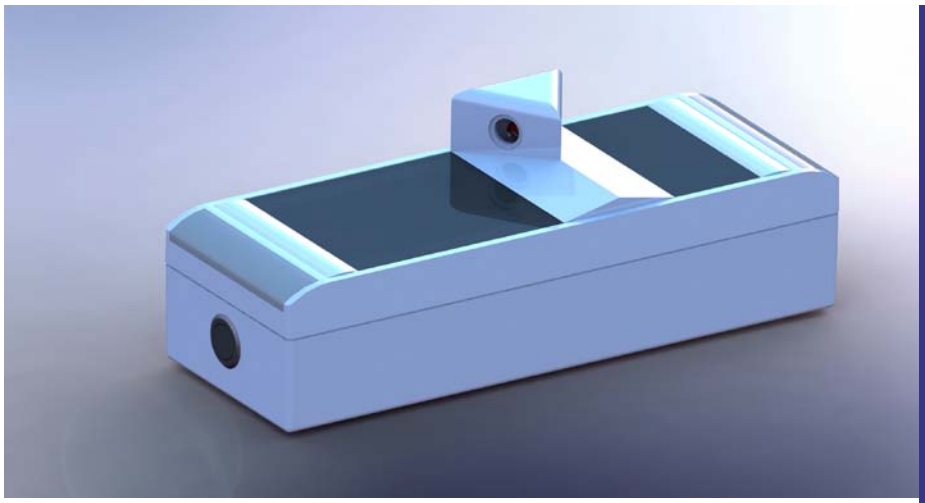
The fitting

Due to small and compact construction and a 2.5 m long connection cable, the InDoor/OutDoor speed controller IOG-207 can be simply and quickly installed on every vehicle.

The advantages

- Reduced risk of accidents
- Less damage to property
- Both optimum and safe use of vehicle performance data
- No consequential damages
- No fitting-out in drive-through areas necessary

InDoor/OutDoor Speed Controller IOG-207 is the economical solution for active work protection – a typical **driver assistance system**.



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