

RAS R158 (Certificated)

REVERSING ASSISTANCE SYSTEM



From July 2024, all vehicles registered the first time in EU must comply with R158

DETECT TARGET



TECHNICAL DATA

Working Voltage	9~32VDC
Working Temperature	-40°C ~+75°C
Quiescent Current	<=100uA
Waterproof	IP69K
Vibration	5G

RAS – Reversing Assistance System complies with UN ECE R159, and recommendations of the accident insurance GS-VL 40.

Reverse without any assistance.

Driver must be particularly careful.

If others are threatened or even injured, they may be fined, earn points, or even have a driving ban!



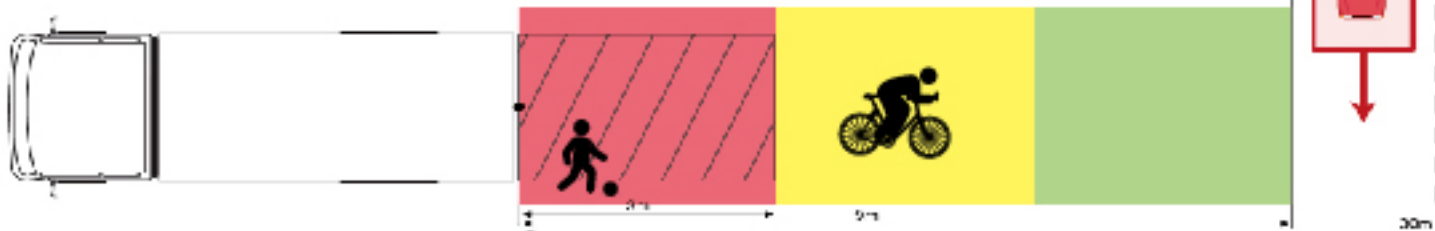
A RAS reversing assistance system according to the recommendations of the accident insurance fund (GS-VL-40) ensures the driver the prescribed duty of care, the certainty that pedestrians and cyclists behind the vehicle are detected at an early stage.

In addition, vehicles can be displayed in cross traffic.

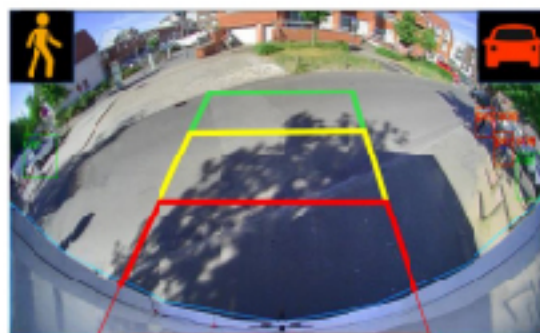
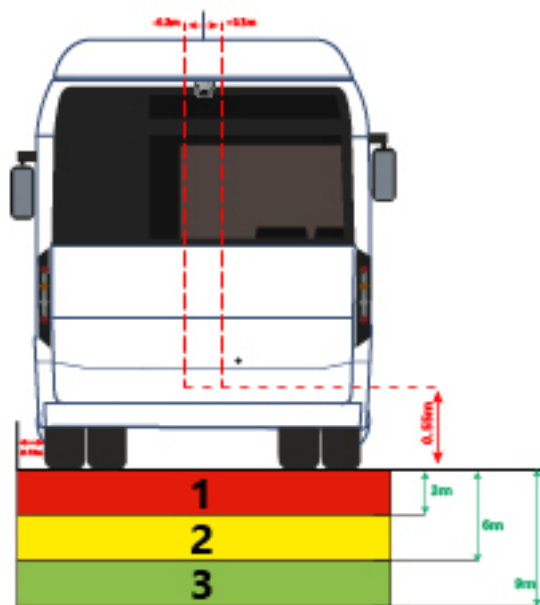
The RAS system fulfils the R158 prescribed from 2024 as well as the recommendations of the accident insurance company GS-VL 40 and thus.

A special 160 degree high-performance AI rear camera is able to detects **pedestrians, cyclists, scooters, Motorbikes and vehicles.**

AI System: System is based on the newest artificial intelligence vision recognition technology, which is more reliable and accurate in issuing warnings than traditional radar. The final detection results have exceeded the legal requirements.



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R159 Camera Installation







Suitable for transporters, trucks, buses and special vehicles and easily retrofitted in any kinds of vehicle. Mounting height of the AI camera: 60cm to 400cm. Also cab combined for owing vehicles with trailers by installing the AI rear-view camera on the trailer driver's line of sight.

Easy Calibration

Measure the height of the and input the height value into the system's Application. The system will automatically provide an alarm area that matches the height of the camera. Adjust the lens pitch angle according to the alarm area in the real-time screen to complete installation and calibration.

Easy Calibration

1. Due to a very large all-round view behind the vehicle, reversing is much easier when vehicle backwards, even without instructors.
2. The use of an R158 remote access system relieves the driver of the charge of non-compliance.
3. In the event of an accident, the DVR function can also relieve the driver.

Model	Picture	AI Cameras	Online /OTA	DVR	Outer Size (mm)	Standard
G3		2	No	SD Card	145X107X28	  
G4		4	Yes	SSD	217X205.5X41	
G4-OEM		4	Yes	SSD	217X205.5X41	