

MORE SAFETY ON THE ROAD

Daimler Buses also offers Sideguard Assist as a retrofit solution for buses of the Mercedes-Benz and Setra range

Road safety is one of the fundamental pillars for Mercedes-Benz and Setra buses. The range of driving assistance devices and systems is increasingly complex, both for the tourism sector and for regular services in areas inside or outside the urban borders.

To further improve safety in city traffic and reduce road accidents, Daimler Buses now offers the possibility of installing Sideguard Assist also as a retrofit solution for vehicles of the Mercedes-Benz and Setra ranges.

Sideguard Assist is a side driving assistance system particularly suitable for the protection of cyclists and pedestrians including drivers of electric scooters that have been trendy in recent times, that are the most vulnerable road users.

This system helps truck drivers to do their job safely. It allows to detect moving or stationary objects in the monitoring area to the side of the vehicle.

The centerpiece of the system is two short-range radar sensors installed on the frame along the nearside. They cover a complete



lane (3.75 meters wide) along the entire length of a vehicle up to 18.75 meters plus two meters to the front and up to one meter to the rear section.

The driver is warned in several stages with a triangular LED lamp located in the A-pillar or a yellow symbol in the Mirror-Cam display. In the event of a collision,

the display flashes red repeatedly and after a few seconds it remains steady in fixed mode. At the same time, an acoustic signal is emitted to further attract the driver's attention.

The retrofit solution provides the same functionality as the integrated system.

After the launch on Mercedes-Benz Trucks in 2016, Sideguard Assist made its debut in the bus segment in 2017 on board of a Setra vehicle. It is currently available for Mercedes and Setra buses. The percentage can increase up to 60% depending on the model series, "and it's a growing trend", as the manufacturer stated.

«Accident research carried out by insurance companies» pointed out Daimler Buses, «anticipates that about half of all accidents that occur between trucks and cyclists could be avoided in conjunction with a similar system. The number of associated victims can ideally be reduced by almost a third and the number of serious injuries by over 40%».

