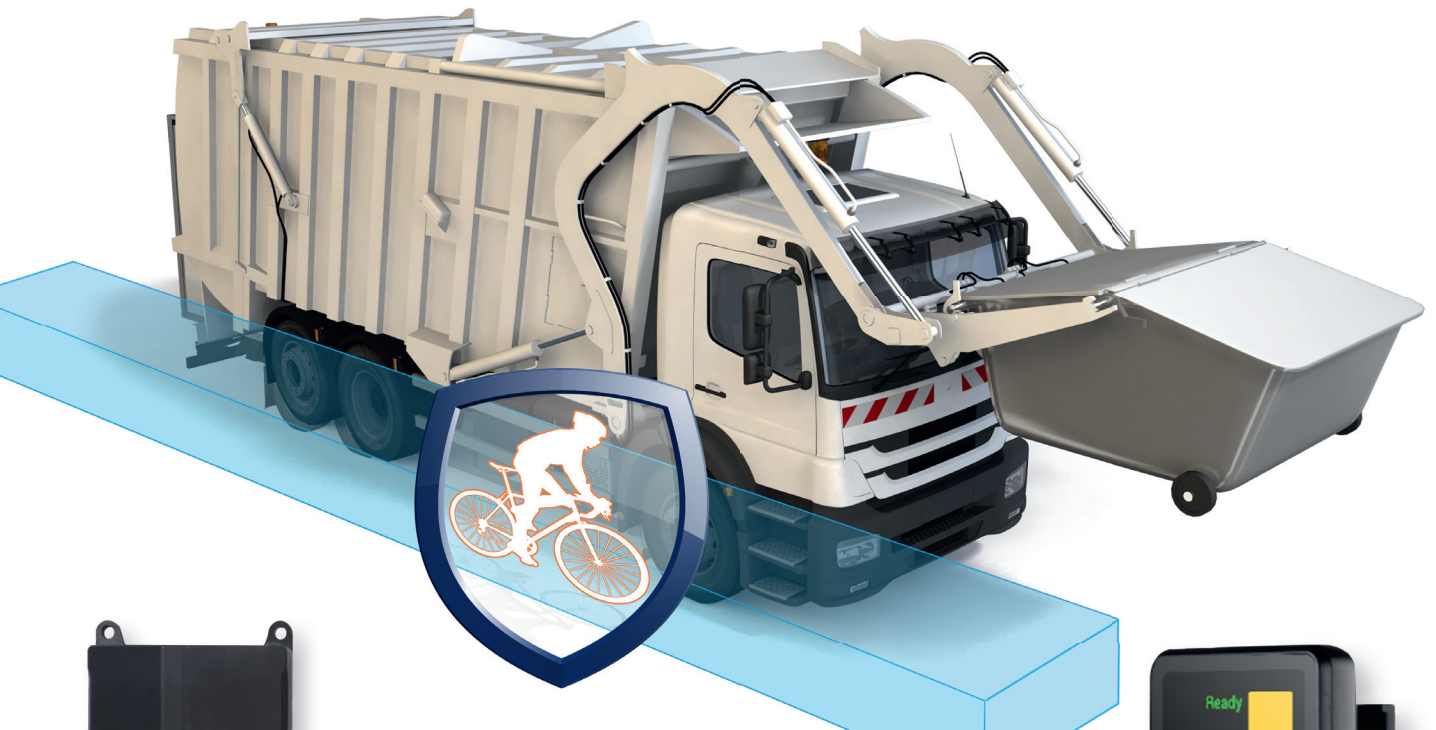




Turn Assist AAS BSIS 151

Enhancing safety during right turns



Features

- Adherence to the most recent **UN ECE R151** regulations for cornering assistance systems
- 180° detection devoid of blind spots
- **Quick Installation Process**
 - Only requires power supply
 - No calibration required for standard installation
 - No vehicle signals necessary
- Compatible with a wide range of vehicle types
- Large monitoring area spanning 70 meters x 4.5 meters
- Registration in accordance with ABE 92031*00 for the type: „ABE 100 ID“ to potentially qualify for one of the funding programs for the BSIS 151, for instance, at the IBB Berlin.

The **advanced 76 GHz radar sensor** oversees an area of 70 m x 4.5 m adjacent to the vehicle. **Three distinct warning stages** alert the user of potential collisions with other road users.

Upon installation within the ample-sized window, the system becomes operational **without** the need for further **additional calibration**. Once connected to the operating voltage, the system is ready for immediate use. No further vehicle signals are required.



Art.-Nr.	Article description
842008	Turn Assist Kit AAS BSIS 151 / 8 m

Scope of delivery

- 180° Side radar
- LED-Display
- Wiring harness
- Inertial Measurement Unit (IMU)

Accessories available

- Bracket for Sensor
- Sensor Cover

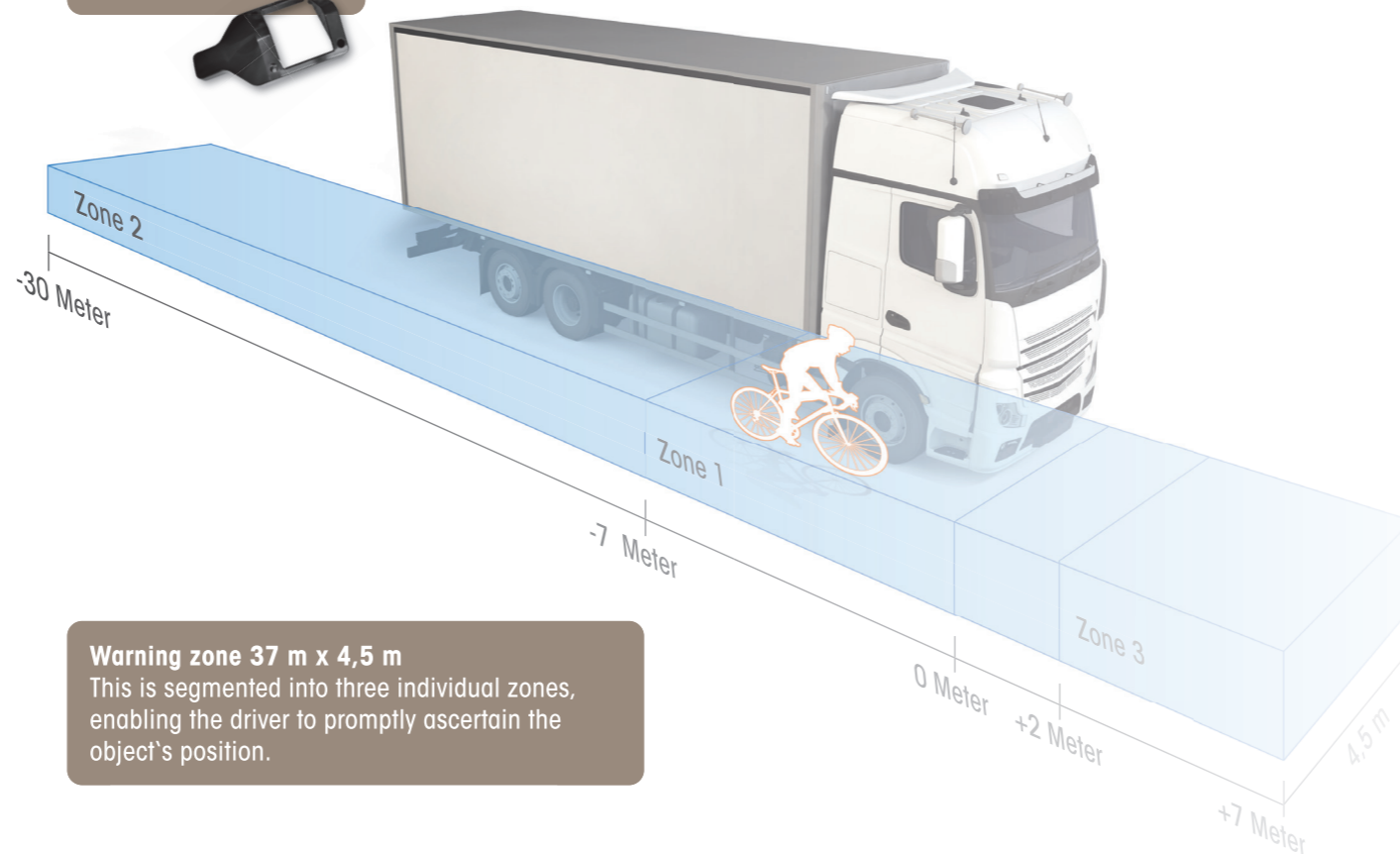
Inertial measuring unit (IMU)

Among other components, the IMU contains sensors for detecting speed and directional changes. This ensures all necessary data is gathered without any further tapping on the vehicle. This significantly simplifies the installation process.



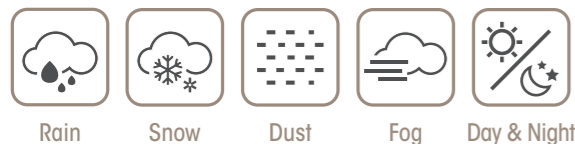
Technical data sensor

Frequency range	76-77 GHz
Coverage area	80 m x 7 m
Detection range	70 m x 4,5 m
Warning zone	37 m x 4,5 m
Horizontal angle	180°
Dimensions	115 x 9,5 x 41 mm (B x H x T)
Weight	230 g
Performance	7 W
Operating voltage	8 - 32 V
Temperature range	-40 °C bis +85 °C
Protection class	IP 69 K
Vibration resistance	50 G



Warning zone 37 m x 4,5 m

This is segmented into three individual zones, enabling the driver to promptly ascertain the object's position.



Rain

Snow

Dust

Fog

Day & Night

Warning levels according to ECE R151

Warning level 1

The corresponding LED segment of the warning zone illuminates, indicating the presence of objects posing potential danger within the warning zone.*

Warning level 2

During a right turn, the corresponding LED segment flashes, signifying a possible collision.*

Warning level 3

During a right turn, the corresponding LED segment flashes and an acoustic warning is emitted, indicating an imminent collision.*

An Audible alarm is only emitted if a collision is imminent.

*The information regarding the warning levels is highly abstract and serves illustrative purposes only. We would be pleased to provide personal clarification regarding the precise definitions of driver alerts.





Our vision ...is safety!

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More Information:

