BLIND SPOT SENTINEL

See the Unseen

“See the Unseen”

About BLIND SPOT SENTINEL

Blind Spot Sentinel (BSS) is a German designed, Australian supported, microwave radar sensor system that adds another set of eyes to your everyday driving. It’s designed to be self-installed on almost any vehicle. Simple to install and operate, it will protect you and others during lane changes, intersections and reversing.

How does it OPERATE?

1. The BSS 79GHZ microwave sensor system is equipped with high speed spatial computing sensors on the sides of the vehicle which activate when the vehicle is moving faster than 3 km/h.

2. Mounted on both sides of the vehicle, the blind spot system radar sensors create a protective screen that projects 3 metres to each side of the vehicle and up to 20 metres alongside it capturing all objects within the scanned area.

3. The main control unit will then calculate the speed of the object, the speed differences and the distance to the vehicle.

4. An LED indicator mounted in the cabin will then indicate that there´s an object in this blind spot area, or signify that an object is moving fast from behind the vehicle and about to enter the blind area (Level 1 warning).

5. The LED indicator will remain lit as long as the object remains in the blind spot, warning the vehicle driver of the current condition.

The next level of SAFETY

This cutting-edge system surpasses the capabilities of traditional 24 GHz systems, providing unparalleled advantages that elevate the safety standards of your vehicles. Explore the key benefits of our advanced 79 GHz system over its 24 GHz counterpart.

- Enhanced Detection Range
- Improved Object Resolution
- Reduced False Alarms
- Enhanced Performance in Adverse Weather Conditions
- Future-Proof Investment

Discover the ADVANTAGES

1. Enhanced Detection Range: With a higher frequency range, the 79 GHz system offers an extended detection range compared to the 24 GHz system. This means it can identify objects, pedestrians, and vehicles at greater distances, giving your drivers more time to react and make informed decisions.

2. Improved Object Resolution: The increased frequency of the 79 GHz system provides superior object resolution, allowing it to differentiate between smaller objects more accurately. This ensures that even cyclists are detected, reducing the risk of collisions and improving overall safety.

3. Reduced False Alarms: One of the drawbacks of 24 GHz systems is their susceptibility to false alarms triggered by non-threatening objects like roadside barriers or overpasses. The 79 GHz system boasts improved signal processing capabilities, significantly reducing false alarms and enabling your drivers to focus on real safety threats.

4. Enhanced Performance in Adverse Weather Conditions: The higher frequency range of the 79 GHz system enables it to maintain optimal performance even in adverse weather conditions such as rain, fog, or snow. This ensures consistent and reliable blind spot monitoring, regardless of the environmental challenges.

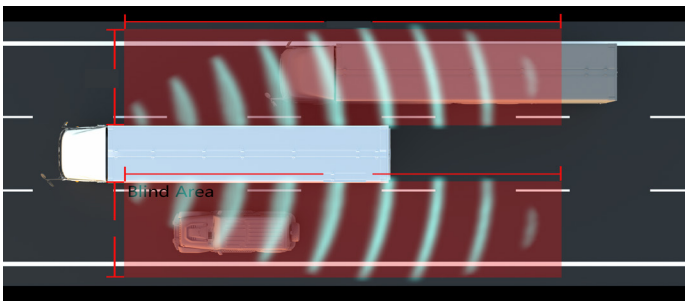
5. Future-Proof Investment: As technology advances, the 79 GHz system offers greater compatibility with future innovations. By investing in the latest technology now, you ensure that your fleet remains at the forefront of safety advancements, saving costs on frequent system upgrades in the long run.

"SEE THE UNSEEN" with Blind Spot Sentinel

Every vehicle has blind spots, and they can be a significant factor in road accidents. Blind Spot Sentinel significantly improves your driving safety by automatically detecting other vehicles that are in your blind spot areas and alerts you, making changing lanes as well as turning corners and reversing in all weather and lighting conditions much safer for you, your passengers and other road users.

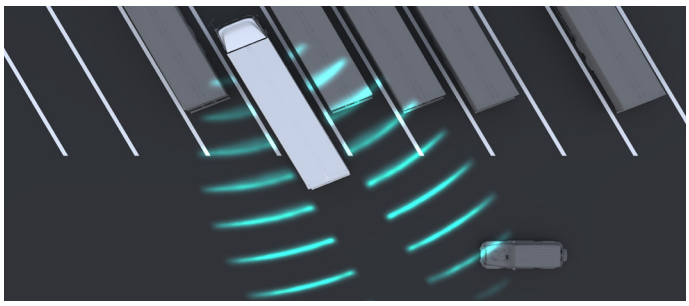
Lane Change Assistance

If the driver wants to change lanes to a lane that contains a vehicle in the blind spot, a Level 2 warning buzzer will alert the driver to the current situation and the LED will flash rapidly. The system will also detect the speed difference to the object.



Rear Cross Traffic Alert

If reverse is engaged, the radar system mode will automatically change to prioritize the area directly behind the reversing vehicle to ensure there is no cross traffic obstructing the direction of the trucks motion. Should a moving vehicle be detected, a Level 2 warning will be initiated.



Corner Navigation Assistance

If the trucks indicator is lit and the truck starts to turn, the inside position closest to the curb will be surveyed by the nearside sensor. In this mode the radar signature will detect any pedestrians, motorcycles and bicycles and the driver of the vehicle will be alerted via the LED and the buzzer.

The complete kit! simple to install

The BSS system has been designed to be quick and simple to install. Extender cables are provided for the sensors and LED's to cater for almost all vehicle types. We do recommend the use of an auto electrician to ensure the cables are connected correctly and securely and do not compromise the vehicle's electrical system.

Contact Us

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