Door Obstacle Radar Sensor

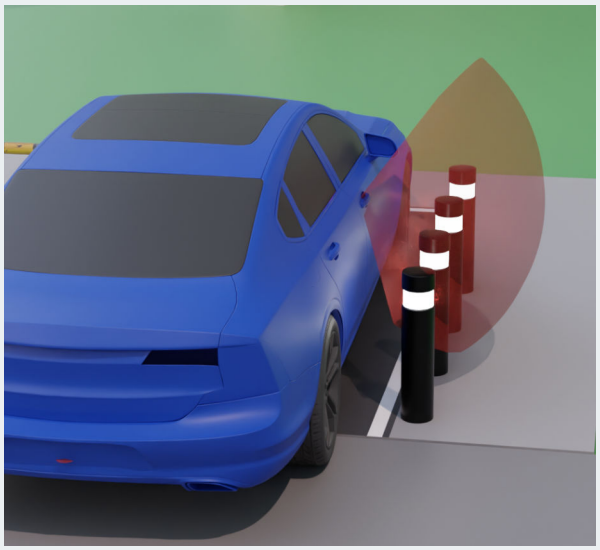
Innovative • Safe • Reliable

Saykal Advanced Door Obstacle Detection System helps prevent one of the most common parking frustrations: unexpected door impacts. By monitoring the area around the vehicle during door opening, the system detects nearby obstacles such as walls, pillars, poles, curbs, and adjacent vehicles before contact occurs. Designed for both automatic and manual door systems, it supports a safer, more comfortable user experience while helping reduce costly door panel repairs. With invisible integration and intelligent obstacle awareness, Saykal brings everyday parking safety to a more premium and proactive level.

Power Consumption	Antenna Configuration	Configurable FOV	Radar Scanning Zone	Azimuth Accuracy
Low	Multi-Channel	up to 140°	up to 10m	±3°

Application Examples

Preventing Door Damage. Enhancing User Safety.



Obstacle Detection

Detects small objects and obstacles around the vehicle after parking. It warns the driver before opening the door.

Narrow Parking

Helps the driver park more safely and easily in tight spaces, narrow streets, or compact parking areas.

Safe Exit Assistant

Detects approaching vehicles from the road side and helps prevent the door from opening when it is unsafe.

Keyless Entry

Allows the door to be unlocked easily with touch or gesture control, without using a physical key.

SAYKAL