

Technical Highlights

- 60 GHz FMCW radar
- Detection range up to 13 m
- Field of view 120° (horizontal) and 40° (vertical)
- Distinguishes between vehicles and people
- Distinguishes between static and dynamic objects
- Up to 3 virtual zones, flexibly configurable
- 2 virtual induction loops
- Additional switching output for the safety zone
- D-Device in accordance with EN 12453
- Wi-Fi configuration for easy setup



Ready for smart barrier monitoring?

LISENS scan Set 1

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LISENS®

scan

LISENS scan

The high-performance radar system for barrier systems



When barriers are put to the test

■ Does this sound familiar?

You manufacture, sell or install barrier systems - from traditional access control systems to complex parking systems. These systems may include barriers with folding skirts, swing arms and/or support posts.

Then you know how important and crucial it is to have reliable systems for controlling and securing the barriers.

The system that makes the difference

Our radar system was specifically designed for **modern barrier systems**. It provides you with **comprehensive, reliable protection** and the option to **place two additional activation zones anywhere** within the defined area. The ability to **connect multiple sensors** to a single control unit offers you even greater **flexibility** through an expanded **monitoring range**. This reduces your workload and keeps your solution **streamlined** and **cost-effective**.



Your added value

- **Maximum range:**
Up to 13m detection distance, 120° horizontal, 40° vertical
- **Significant cost savings:**
One evaluation unit for up to 6 sensors
- **High integration capability:**
Compact size, ideal for existing housings and brackets
- **Easy setup:**
Quick installation, flexible zone configuration, no roadwork required
- **Universal application:**
Suitable for various barrier types (e.g. swing arms, folding skirts)
- **Reliable all-weather operation:**
Reliable detection in snow, hail, dust, leaves and heavy rain
- **Intelligent object recognition:**
Distinguishes between people, vehicles and static and dynamic objects
- **Extensive configuration options:**
Adaptable to different requirements and situations