

NEW

✓ INDUCTION LOOP REPLACEMENT

✓ PHOTOELECTRIC BARRIER REPLACEMENT

✓ EASY INSTALLATION

✓ INSENSITIVE TO WEATHER CONDITIONS

✓ NO ROAD WORKS



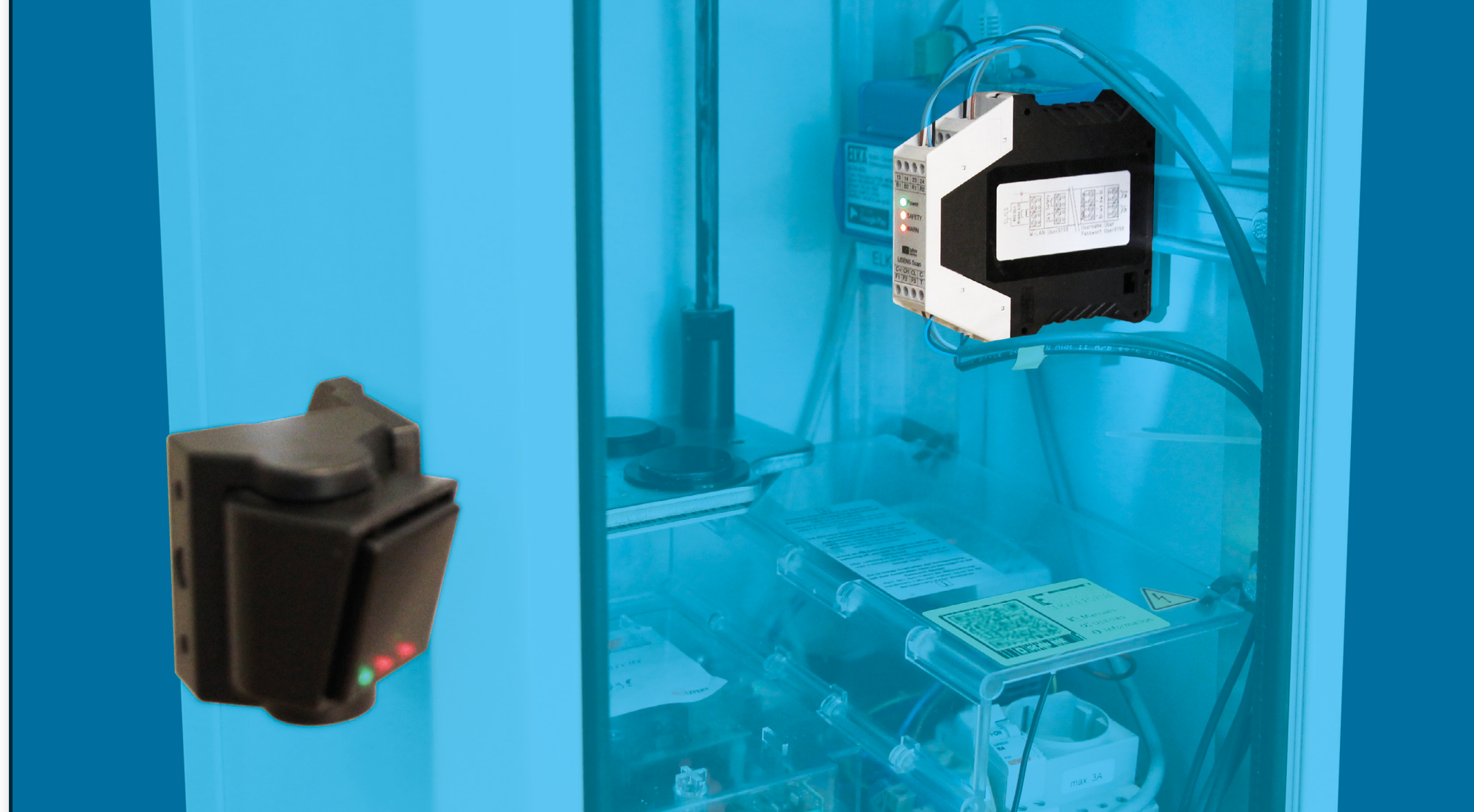
The new ELKA Comfort radar sensor - the clever alternative

With our high-performance radar sensor Comfort, we offer you a reliable solution for demanding applications in the field of presence and motion detection of pedestrians and vehicles (EN12453 type D). It is the easy-to-install alternative to classic induction loops and photoelectric barriers and an ideal addition to existing systems to ensure they comply to valid norms. Individually adjustable virtual loops can e.g. controll barriers, activate ticketing- or ANPR systems or provide protection against the collision with the barrier boom.



Easy installation, intuitive configuration

The Installation is carried out in just a few steps without the need for time-consuming roadworks. A reference object is not required, the monitoring area is easy to teach in. The connection is made via the light barrier connection of the motor control unit (resistance evaluation or NC contact).



Flexibly separated - cleverly connected

The ELKA radar sensor Comfort consists of two separate units for the sensor and the evaluation unit. While the evaluation unit is connected in the barrier housing for protection, the compact sensor can be attached to the left or right of each ELKA barrier housing with protected cables.

With a total of four relay outputs, the radar sensor Comfort has an additional relay for the safety field, allowing an additional action to be assigned to the safety field.



Reliable detection at maximum range

The sensor has a monitoring angle of 120° and an adjustable range of up to 13 metres for all ELKA barrier types. A pre-set inclination angle of 15° ensures optimum monitoring of the safety zone close to the ground.

After installation, the sensor can be swivelled in 6 steps of 6° each (36° in total).



Flexible subdivision of the monitoring area

The monitored area can be divided into up to three fields, which act as virtual loops. In addition to the safety field under the barrier arm, two additional presence fields enable individual coverage of the monitored area.

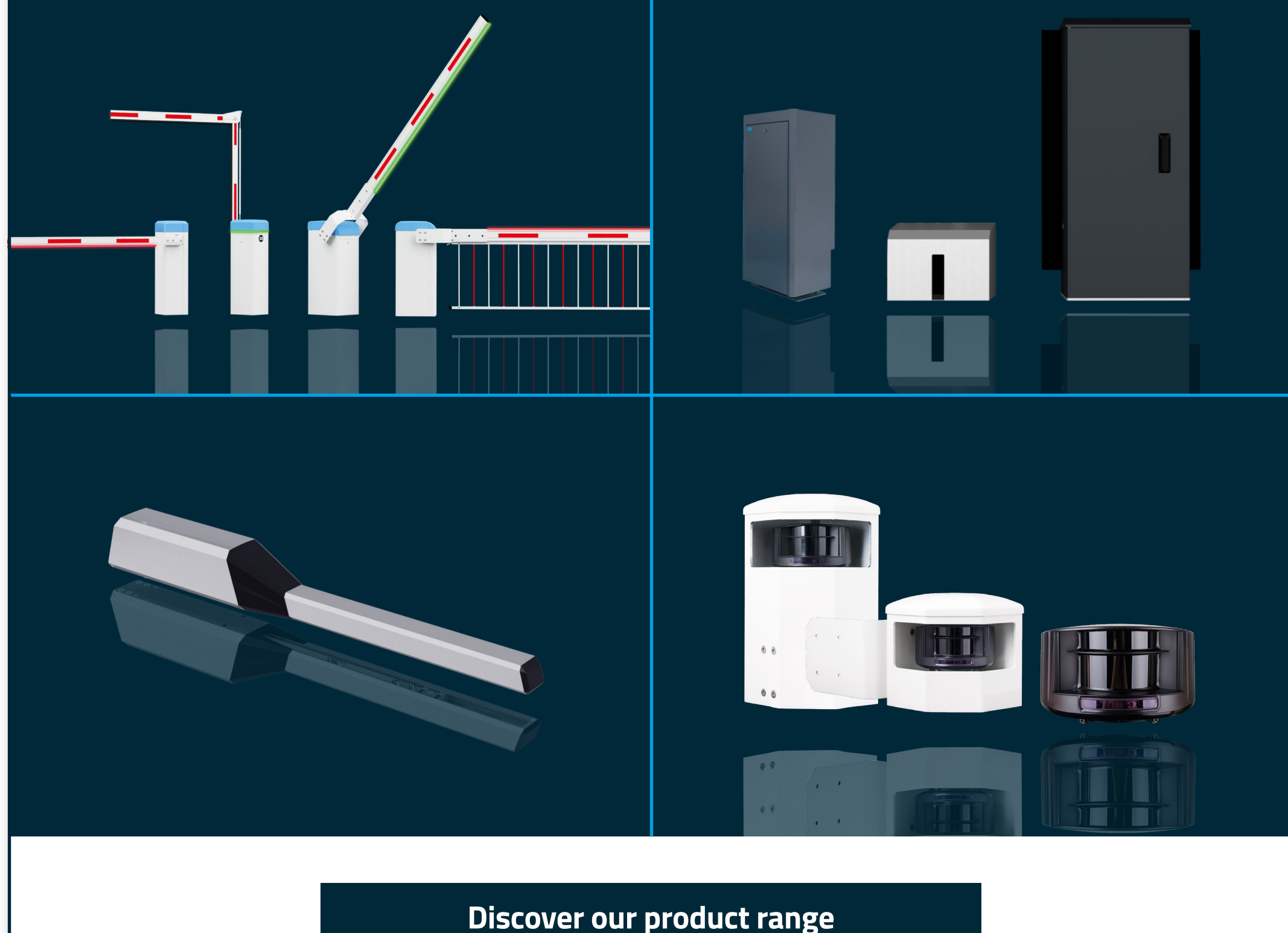
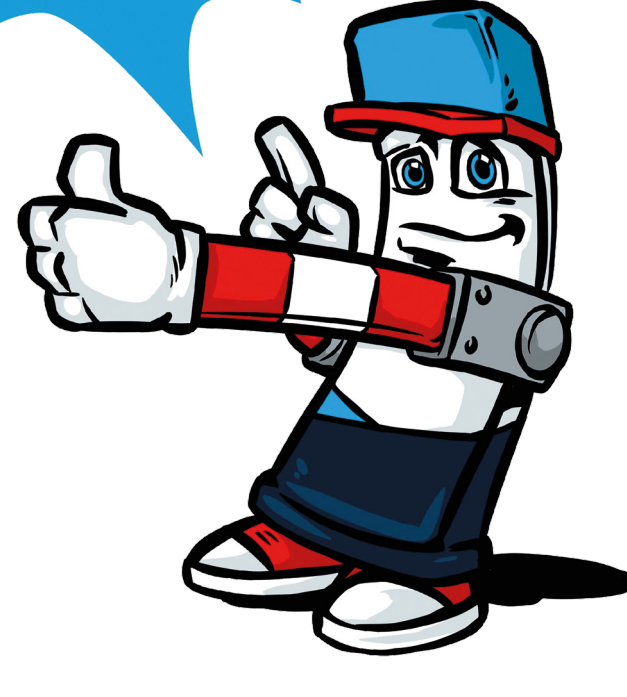
The highlight: by configuring the two presence fields accordingly, the radar sensor Comfort can create a directional logic. For this, the two presence fields form a combination that can be reliably analysed depending on the direction of passage, as opposed to the usual direction detection with just one field.

Radar Sensor Comfort

Clever advantages at a glance

- Virtual induction loops without complex construction works
- Radar sensor can be used as a D-device in accordance with EN 12453
- Insensitive to weather influences
- Quick and easy installation
- Directional logic
- 4 relay outputs, 3 of which are freely configurable
- Arrangement of the presence fields freely selectable
- 13m range for all ELKA barrier types also with hanging skirt and swinging support
- Configuration via web server user interface (Wifi-Direct)

Overview of advantages



Discover our product range

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We reserve the right to make technical changes without prior notice.