

ORASCAN

NEW

ORASCAN system is a safety and opening sensor kit for sliding doors, the first to combine radar and laser technologies.

The **Artek** inside radar system allows doors to be opened comfortably and energy-efficiently, while the '**Time of Flight**' laser technology ensures complete safety protection for the door.

**MICROWAVE
+LASER
Technology**



Press and Configure: by pressing a single button, ORASCAN detects the door dimensions and automatically positions the laser coverage, regardless of the environment or door type.



A versatile and universal solution: this sensor is suitable for all types and sizes of automatic sliding doors, including large, telescopic, airtight, fire-rated and emergency exit doors, with sensors on both sides for complete control of opening, safety and virtual buttons.



For all types of flooring and weather conditions: laser technology is completely independent of the surrounding environment. The ORASCAN system is compatible with all types of flooring and weather conditions.



Maximum safety: ORASCAN protects the primary edge and threshold of the door across its entire height, width and depth. Contact with the moving door leaves is avoided in all situations. And what about

- Power supply: 12-30 V DC \pm 10%
- Power consumption: < 5W
- Mounting height: 2 to 3.5 m.
- Detection mode: motion (Radar) + presence (Laser)
- Vibrations: < 2G
- Material: PC/ASA
- Protection rating: IP54 (EN 60529)
- Temperature range: -25°C to +55°C, humidity: 0-95% non-condensing
- Technology:

Microwave Doppler radar

Transmitter frequency: 24.150 GHz
Minimum detection speed: 5 cm/s

Laser Scanner - time-of-flight measurement

Field of view: 180° - Angle of inclination: 0° to -7°
Min. object size: 5 cm at 4 m

- Bluetooth®: operating band 2402 MHz – 2480 MHz / Maximum transmitted power: 12 dBm
- Dimensions: 273 mm (W) \times 71 mm (H) \times 67 mm (D)
- Standards: EN-16005; DIN-18650



EN16005

DIN18650



MOBILE APP

ORASCAN can be configured and monitored using the easy-to-use mobile app, which connects to the sensor via Bluetooth. Intuitive platform with guided learning procedure and 3D visualisation.



**KIT ORASCAN - pair of
indoor / outdoor sensors**