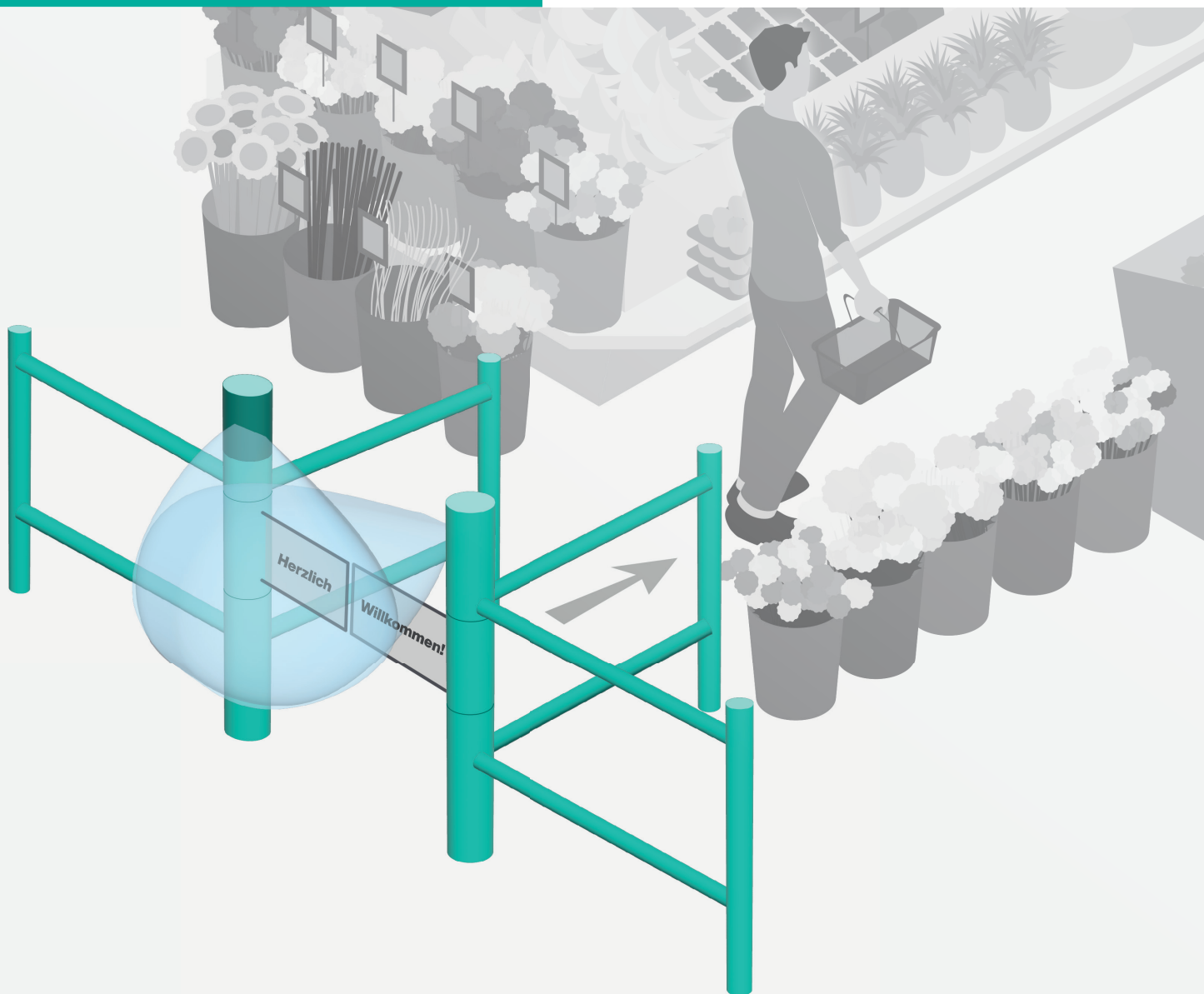
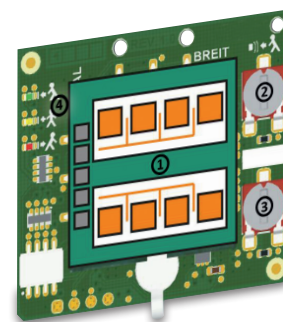


Sure Activation.
Adaptive Detection Field.
Reliable Counting Function.

recognize | evaluate | activate

RadarNative Access RNA
for Entrance and Exit Gates



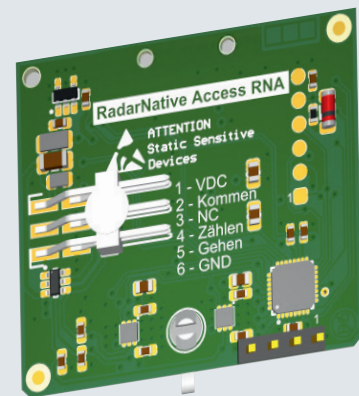
The Ideal Opening Trigger for Entrance and Exit Gates

In shopping malls and food markets, the needs-based and safe opening of the entrance and exit gates is a challenge which can be easily solved by the RadarNative Access RNA sensor.

Due to its variable setting options, the smart radar sensor can be used in all local conditions without any problems.

Thanks to the integrated direction detection, the RadarNative Access RNA can eliminate cross traffic, e.g. the swing arm of the gate opens only if one or more people want to enter and move directly towards the gate.

Installation and commissioning are very simple - the RadarNative Access RNA can be set up with regard to the detection field and counting function in few simple steps.



Reliable People Counting Function

- Reliable detection of moving objects (Accuracy of the counting function $\geq 80\%$)
- Direction of movement detection
- Evaluation of the number of people depending on the time of day \rightarrow peak time analysis

Needs-based and Efficient

- Easy adjustment of the detection field
- Cross-traffic rejection
- Direction detection
- Compact design

Technical Data	RadarNative Access RNA
Detection range narrow and wide, analog adjustable	between 0.5 m und 2.5 m
Operating frequency	24.15 ... 24.25 GHz K-Band
Operating voltage O_V	12 ... 15 V DC
Switching voltage	O_V - max 1.5 V
Signal output	PNP / active switching
Switching current	max. 100 mA
Operating temperature	-4 ... 140 °F

Highlights

- **Variable detection field geometry**
Rotating the radar antenna by 90° angle, the field geometry of the detection area can be set to "narrow" or "wide" during installation
- **Range conversion**
Between 0.5 meters and 2.5 meters
- **Counter function People counting**
Additional function for statistical purposes
- **Function indicators for easy set-up**
LEDs (red/green/yellow) to indicate the direction of movement (approaching/moving away) and the counting pulse
- **Global applicability**
The antenna used allows worldwide use