



# ELIX

Smart opening sensor for automatic doors



## APPLICATIONS



## TECHNOLOGY

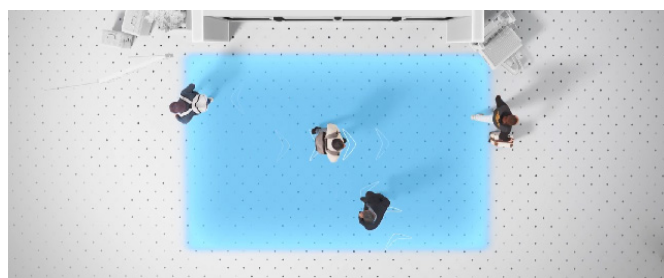
Microwave FMCW (MoWa Inside)



## DESCRIPTION

The **ELIX opens the next era of people flow management**, powered by advanced FMCW technology. The sensor understands movement and adapts its behaviour to the flow of people. It opens the door matching their intention to pass. By analyzing direction and speed, it ensures a smooth and comfortable passage while optimizing every opening. In doing so, it also prevents unnecessary energy loss.

## DOWNLOAD



### Adaptive to multiple flows

Based on the direction of approach, the user's speed (whether fast or slow), and the intention to pass the door, Elix ensures a seamless passage. **ELIX reduces wasted openings, while creating comfort.**



### Open Smart. Save energy.

With **precise detection fields and customizable zones**, it excludes irrelevant zones like waiting areas, avoiding unnecessary openings and saving energy. Even in demanding conditions (metallic surfaces, crowded spaces), it ensures stable performance.



### Step by step mobile app setup

Follow the step-by-step instructions on the mobile app and see the detection field live, adjust all parameters instantly. And on top, no more mechanical finetuning. Ready to go!



### One sensor. Flexible position.

A **single sensor** can be placed on the opening side of a double swing door, replacing two overhead sensors. On the left, on the right or in the middle, you decide of its position on the door operator. Less constraints, more flexibility.

## APPLICATIONS



### Swing door airlock & corridors

No more unwanted door movement. The Elix prevents ghost activations and keeps passage fluid.



### Shopping street

By analysing the direction of approach, The Elix filters out cross-traffic.



### People flow anticipation

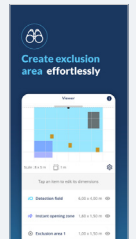
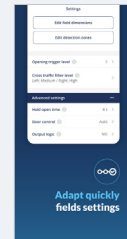
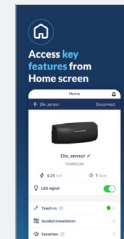
Adapts dynamically to pedestrian speed and direction, opening the door when intended.

## INSTALLATION

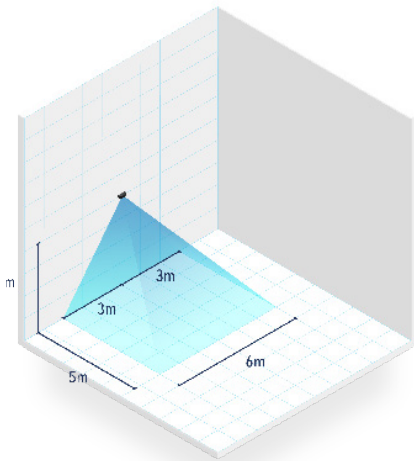
- Plug and Leave: no mechanical finetuning required.
- Mobile app guides you step by step for fast and simple configuration.
- Real-time visualization of detection fields and parameter settings for precise tuning.

## APP

Download the ELIX app



## TECHNICAL SPECIFICATIONS



<b>Technology</b>	FMCW, Mowa Inside (microwave)
<b>Detection mode</b>	Motion
<b>Installation height</b>	Max. : 4m Min. : 1.8m
<b>Transmitter frequency</b>	60 GHz
<b>Transmitter radiated power</b>	< 20 dBm EIRP
<b>Transmitter power density</b>	< 5 mW/cm <sup>2</sup>
<b>Max. detection range</b>	-
<b>Max detection speed</b>	-
<b>Supply voltage</b>	12V to 24V AC +/- 10% (50-60 Hz) ; 12V to 24V DC +30% / - 10%
<b>Max power consumption</b>	< 1 W
<b>Output</b>	Solid-state relay (free of polarity)
Max. switching voltage	30V AC / 42V DC
Max. switching current	100mA (resistive)
<b>Dimensions</b>	120 mm (L) x 50 mm (H) x 50 mm (W)
<b>Material - Color</b>	ABS - Black
<b>Protection degree</b>	IP54 (IEC/EN 60529)
<b>Temperature range</b>	From -20°C to +55°C
<b>Weight</b>	120g
<b>Cable length</b>	2.5m
<b>Conformity</b>	This product conforms to all applicable European Union legislation. Please refer to the Declaration of Conformity for further information.

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