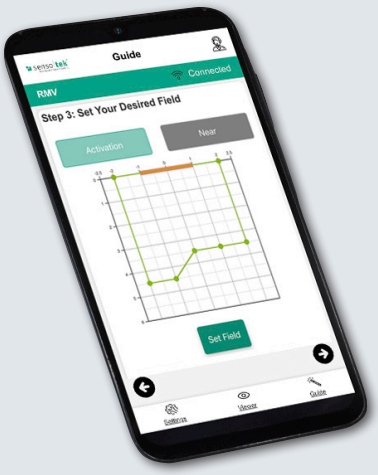
Radar MultiView RMV-D2

Measuring 2D radar sensor for maximum door opening convenience with cost savings



Quick Start Guide – Basic Settings

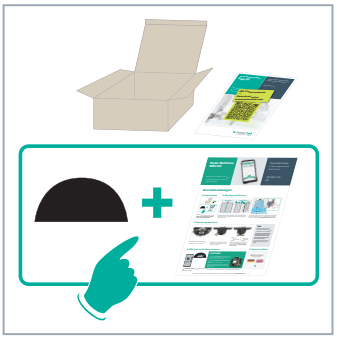
for the configuration tool RMV-Quick

SW REV 1.3.0

EN

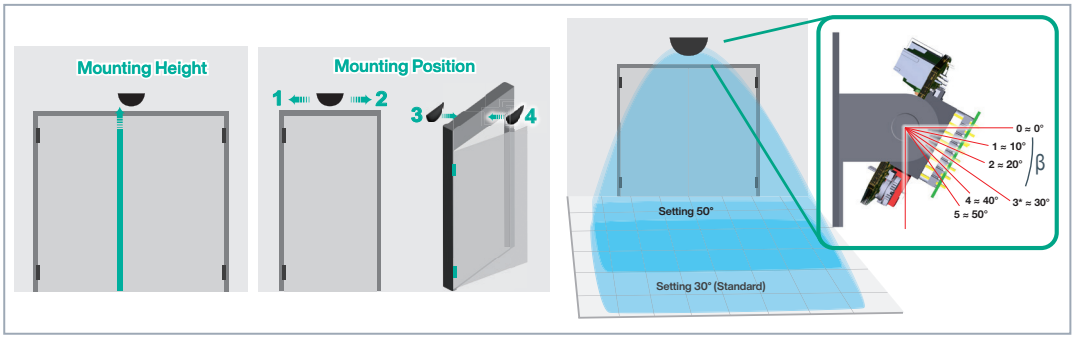
Basic Settings

1. Scope of Delivery



Start the configuration with the **radar sensor and the Quick Start Guide – Basic settings**

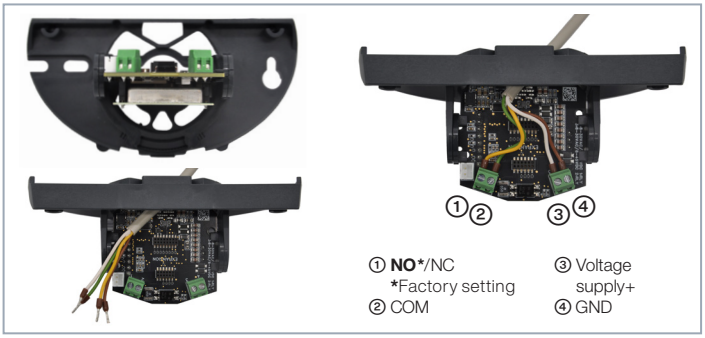
2. Mounting the Sensor



Mounting position: center (standard), (1) direction of secondary closing edge or (2) direction of main closing edge; (3) opposite hinge side or (4) hinge side

The angle setting determines the position/size of the detection range; the numbers 0 - 5 correspond to the latching lugs on the sensor holder (***standard: latching lug 3; approx. 30°**).

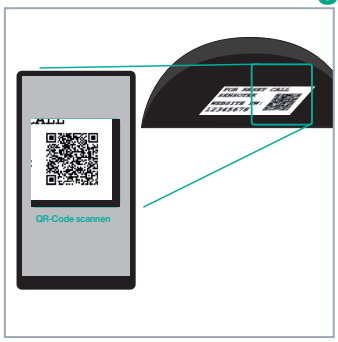
3. Voltage Connection



Turn the board inclination angle 30° factory setting to 90° → Strip the cable approx. 50 mm, strip the wires, attach the wire end ferrules, insert the cable

Clamp the wires as indicated. Set the board to the desired angle of inclination. (***Standard: locking lug 3; approx. 30°**).

4. scan the QR code in the housing



→ **connected to WI-FI**; automatic connection to the RMV-Quick configuration tool (web server) → first menu: "Language selection"

5. Select Language

→ Continue with 6.

If **WI-FI connection fails** → Use **Alternative WI-FI Connection Setup**

Alternative WI-FI Connection Setup: A1 or A2 – C

A1. WLAN/BO" button Press 1x briefly, RGB LED flashes purple.

A2. Switch off the voltage, wait 10 seconds → Switch the voltage back on, wait until the green LED stops flashing

B. Smartphone: Deactivate **mobile data**/Laptop: Disconnect **LAN/Internet connection** → Scan QR code (see point 4)

If the language selection does not appear:
C. Open web browser → Enter and confirm the address: **https://rmv.local**

→ First menu: "Language selection" → **Continue with 5.**

ATTENTION:
If there is no interaction for a **maximum of 5 minutes**, the WI-FI connection is interrupted for data protection reasons.
→ **Repeat alternative WI-FI connection setup (A. - C.)** → **first menu: "Language selection"**

Info

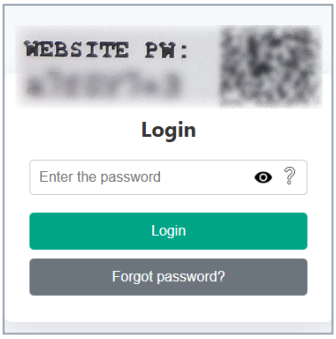
While the radar is being set up, it is deactivated and does not send an opening pulse.

The radar is only reactivated once all entries in the Guide menu have been saved and the user has been forwarded to the Viewer for the function test.

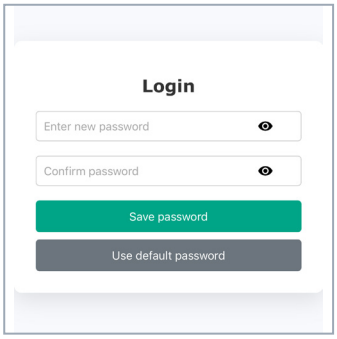
This prevents the door from constantly opening during configuration.

Basic Settings

6. Default Password/Own Password



Enter the password **on the inside of the housing**; confirm by clicking on the **Login** button.
Continue with **default password** or



create and save your **own password** (min. 8 characters, 1 upper case letter, 1 lower case letter, 1 number, 1 special character); → **Welcome page** → **Guide Menu**

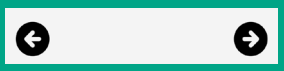
7. Quick Start

First Configuration
→ continue with
Quick Guide

Further logins / Configuration changes
→ continue with
Advanced Guide

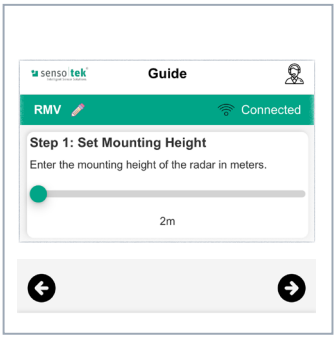
Guide Menu

ATTENTION:
All parameters in the 'Guide Menu' must be entered once in sequence!
Otherwise there will be no menu forwarding.



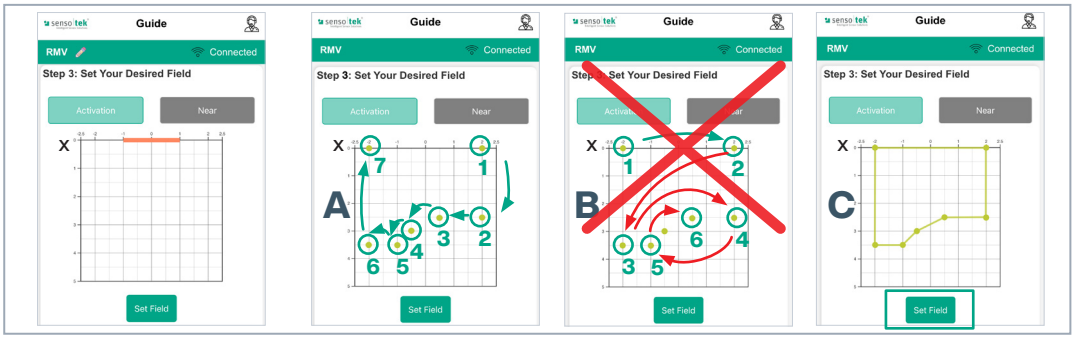
In general, use the **black arrow buttons** at the bottom right (/left) to continue to the next (/previous) step.

8. Set Height



Continue to the next step with the **black arrow button** at the bottom right.

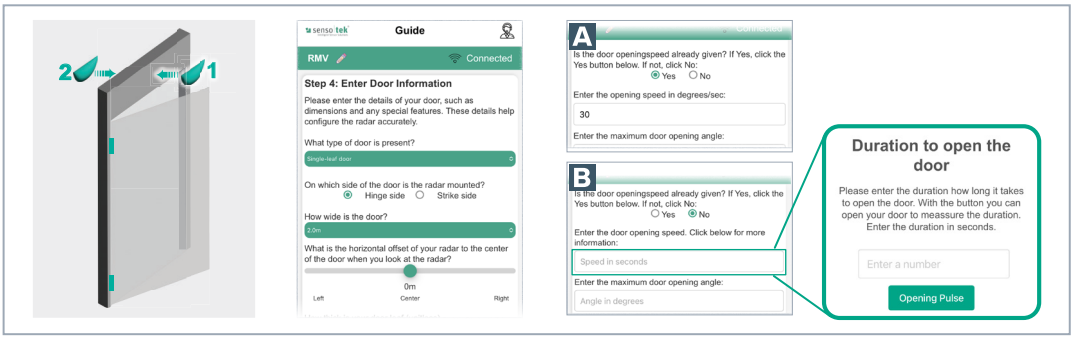
9. Determine Activation Range



Define an application-specific **activation area with 3 – 8 points** within the entry field shown:

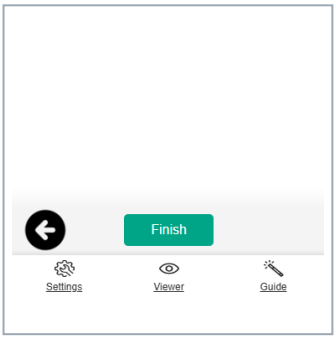
Point 1 on the x-axis (= zero line) to the **right** of the gate center, set **further points** in sequence (Fig. A), **not crosswise (left/right/left... Fig. B)**; **last point** on the x-axis (= zero line) to the **left** of the gate center; save with **"Set field"** (Fig. C). If required, field can be modified via reallignment of the points.

10. Set Door Parameters



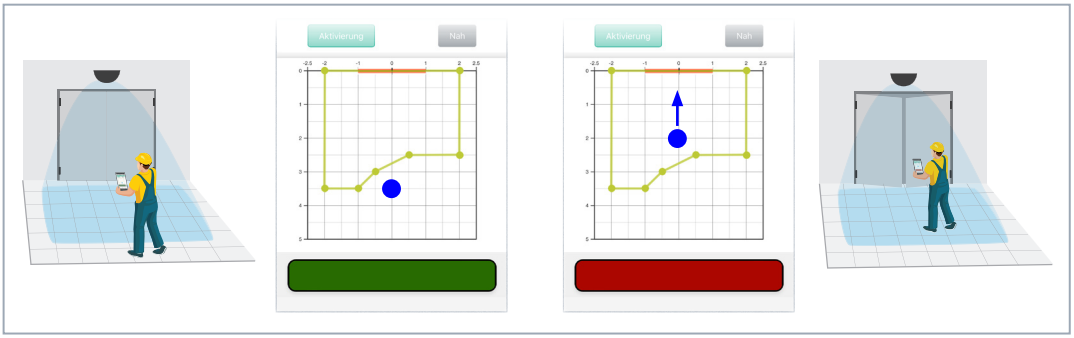
Specify **door type** (e.g. double leaf door) and **mounting side** of the radar (**1=hinge side / 2=opposite hinge side**); specify **door width** and **offset to the door center**; specify **thickness of the door leaf** (default: 5; adjust by testing in case of reversing), enter **opening speed** (if known from the BDA of the motor drive) **A** or determine according to menu navigation **B**; specify **door opening angle** (default: 90°); set **hold-open time** of the door analogous to opening speed

11. Save All



Click 'Finish' → all entries are saved. → **automatic forwarding to 'Viewer'**

12. Viewer: Function Test



If the technician moves within the detection area, they are displayed as a dot in the grid field. **Red signal**: Movement of the person in the activation area towards the door detected → **Opening impulse is triggered**.

If the settings do not yet meet the application-specific requirements, please continue with the instructions in the

Quick Start Guide – Advanced settings