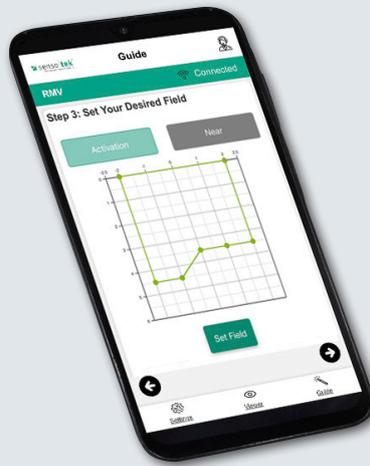# Radar MultiView RMV-D2

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

Quick Start Guide – Basic Settings

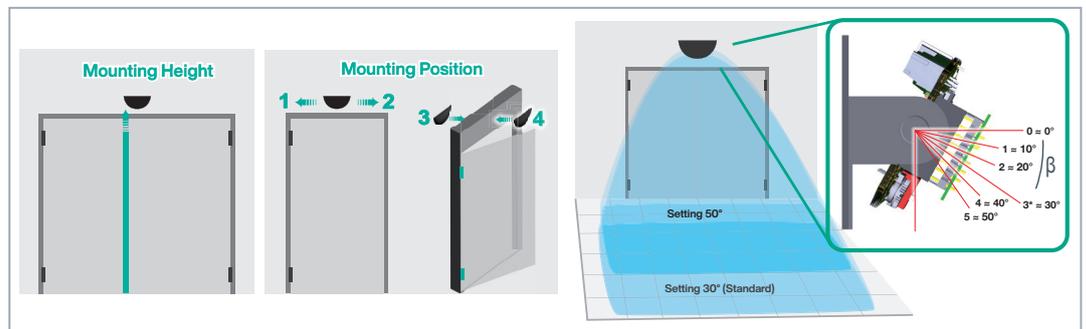for the configuration tool RMV-Quick

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°**).
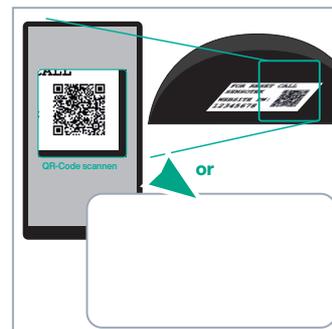
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3. Voltage Connection

① **NO*/NC**
  *Factory setting
② COM
③ Voltage supply+
④ GND

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

or

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

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

5. Select Language

Wählen Sie Ihre Sprache
Select your language

➡ Continue with 6.

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 15 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

sensotek®
Intelligent Sensor Solutions

6. Default Password/Own Password

WEBSITE PW:

Login

Enter the password 👁 ?

Login

Forgot password?

Don't know your password? →
Click on **"Forgot password?"** →
Support: +49 7163 93926-38

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

Login

Enter new password 👁

Confirm password 👁

Save password

Use default password

ATTENTION:
Do not switch off the device during this process!

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

Select Guide Mode

Quick Guide   Advanced Guide

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

Set mounting height via slider. The grafic below shows the current angle setting of the radar.

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 door 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 door center; save with **"Set field"** (Fig. C). If required, field can be modified via reallignment of the points.

10. Set Door Parameters

Duration to open the door

Please enter the duration how long it takes to open your door to meassure the duration. Enter the duration in seconds.

Enter a number

Opening Pulse

Start training drive

Training drive

Learning of the door leaf(s) for masking is carried out by **3 individual runs**.

Warning: During learning, there must be no other movement within the area of the **door width** plus **0.5 m** on the left and right, and within the opening range (**leaf length**) plus **1 m**. Each run must be started individually by tapping **"Open"** one after the other. If interrupted, press **"Reset"** and start again.

NUMBER OF RUNS
0 / 3

Open   Reset

ATTENTION:
Do not disconnect the device from the power supply between clicking the "Finish" button and the subsequent display of the viewer.

Specify **door type** (e.g. double-leaf door) and **mounting side** of the radar (**1=hinge side (training drive* required!) / 2=opposite hinge side**); specify **offset to the door center**; 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. ***training drive:** start with button; **Click 'Finish'** → all entries are saved. → **automatic forwarding to 'Viewer'**

11. Viewer: Function Test

⚠ The grey zone is the low sensitivity zone.

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

Quick Start Guide – Advanced settings

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**.