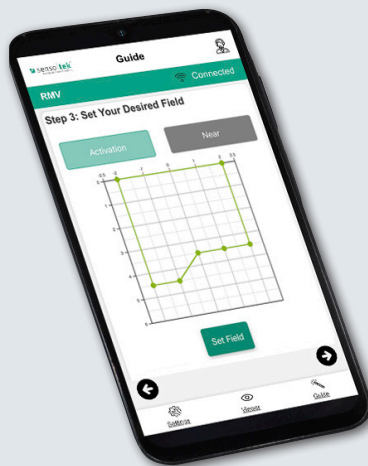


Radar MultiView RMV-G2

Measuring 2-D radar sensor with adjustable activation areas for industrial gates



Quick Start Guide – Basic Settings

for the configuration tool
RMV-Quick

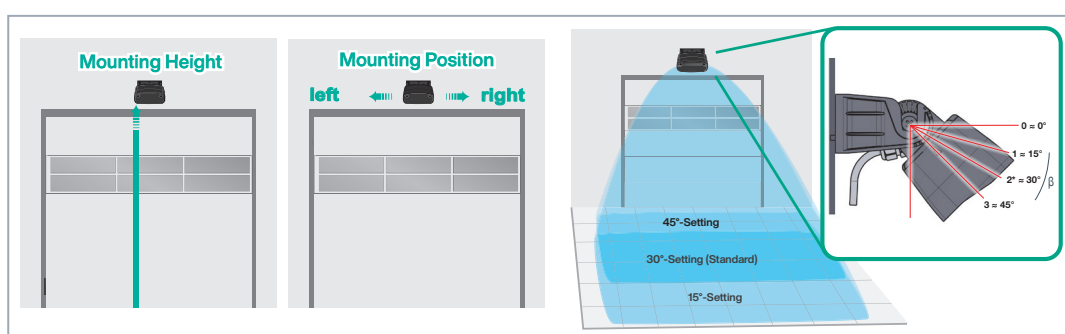
EN

Basic Settings

1. Scope of Delivery 2. Mounting the Sensor



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



Mounting height and mounting position: centre (standard), offset left or right

The angle setting (by the position of the latching lugs) determines the position/size of the detection area; (*Standard: latching lug 2; approx. 30°).

3. Voltage Connection

Fixed cable connection, 8-pin:

AC/DC*	BN (brown)
AC/DC*	GN (green)
Relay 1** (default: Person)	GY (grey)
Relay 1	PK (pink)
Relay 2** (default: Vehicle)	YE (yellow)
Relay 2	WH (white)
Do not connect	RD (red)
Do not connect	BU (blue)

* = Polarity is not relevant

** = NO or NC contact function and activation for "Person" or "Vehicle" is configurable

Connection to the door control unit according to the connection diagram and specified cable colors → Wait until the green LED stops flashing → **Within 15 minutes**, continue with 4.

4. Scan QR Code



→ **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



→ Continue with 6.

Alternative WI-FI Connection Setup

A. Smartphone: Deactivate **mobile data**

Laptop: Disconnect **LAN/Internet connection**

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

C. Scan **QR code** (see point 4) → **first menu: "Language selection"**

If the language selection does not appear:

D. Open web browser → Enter and confirm the address: **https://rmv.local** → **first menu: "Language selection"**

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. - D.)** → **first menu: "Language selection"**

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

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.

6. Default Password/Own Password

WEBSITE PW:

Login

Enter the password

Login

Forgot password?

Enter the website password (see 4.); confirm by clicking on the **Login** button and continue with the **default password** or create and save your

Login

Enter new password

Confirm password

Save password

Use default password

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

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

Guide

RMV / Connected

Step 1: Set Mounting Height

Enter the mounting height of the radar in meters.

2m

0 = 0°

1 = 15°

2 = 30°

3 = 45°

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

9. Determine Activation Range

Guide

RMV / Connected

Step 3: Set Your Desired Field

Activation

Set Field

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

Guide

RMV / Connected

Step 3: Set Your Desired Field

Activation

Set Field

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 realignment of the points.

Guide

RMV / Connected

Step 3: Set Your Desired Field

Activation

Set Field

Guide

RMV / Connected

Step 3: Set Your Desired Field

Activation

Set Field

10. Set Gate Parameters

Guide

RMV / Connected

Step 4: Enter Gate Information

Please enter the details of your gate, such as dimensions and any special features. These details help configure the radar accurately.

Please enter the maximum opening height of the gate:

Maximum opening height (in m)

Please enter the gate opening speed:

Gate opening speed (in m/s)

Speed Dependent Opening

Enter Gate Opening Speed

Please enter the gate opening speed (in m/s):

Gate opening speed (in m/s)

Save

Cancel

Speed Dependent Opening

Speed Dependent Opening

Yes No

Use this slider to fine adjust the entered opening distance.

0.0m

How large is the horizontal displacement of your radar from the center of the gate when you are facing the radar?

0m

Enter the **opening height** of the gate, enter the **opening speed**; define the **gate width**; set the **offset to the centre of the gate** and the **classification level**.

11. Save All

ATTENTION:

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

Finish

Settings

Viewer

Guide

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

12. Viewer: Function Test

Viewer: Function Test

The grey zone is the very low sensitivity zone.

The grey zone is the very low sensitivity zone.

If the technician moves within the detection area, they are displayed as a dot in the grid field. **Green signal**: person detected in the detection area; **red signal**: person detected in the activation area; 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