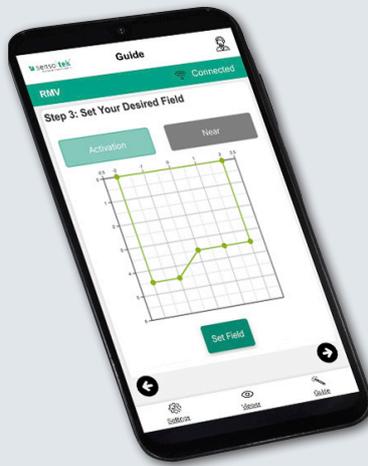


Radar MultiView RMV-G2

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



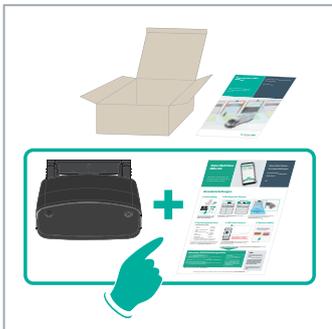
Quick Start Guide – Basic Settings

for the configuration tool
RMV-Quick

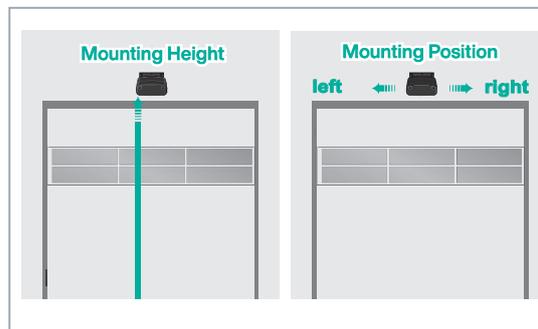
EN

Basic Settings

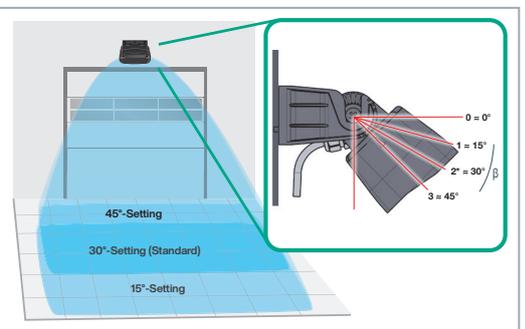
1. Scope of Delivery 2. Mounting the Sensor



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.

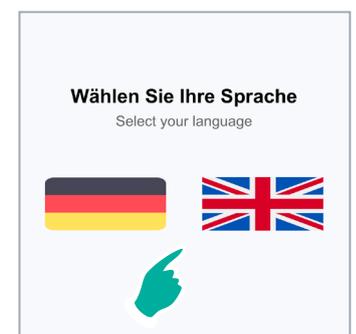
4. Scan QR Code



→ **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

- Smartphone: Deactivate **mobile data**
Laptop: Disconnect **LAN/Internet connection**
- Switch off the voltage**, wait 10 seconds → Switch the voltage back on, wait until the green LED stops flashing
- Scan **QR code** (see point 4) → **first menu: "Language selection"**

If the language selection does not appear:

- 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.**

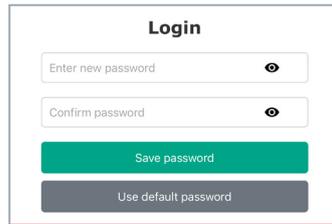
This prevents the door from constantly opening during configuration.

6. Default Password/Own Password



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

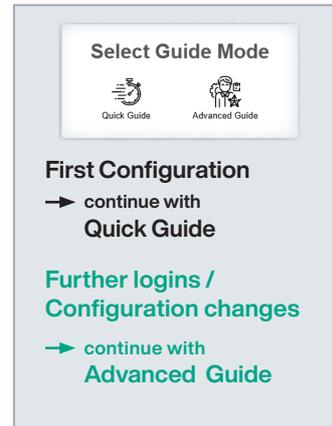
Enter the website password (see 4.); confirm by clicking on the **Login** button and continue with the **default password** or create and save your



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



Guide Menu

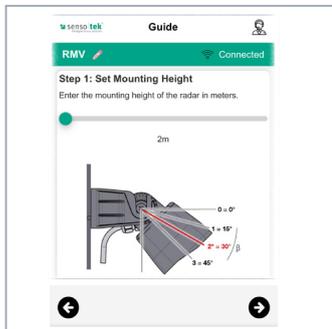
ATTENTION:

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



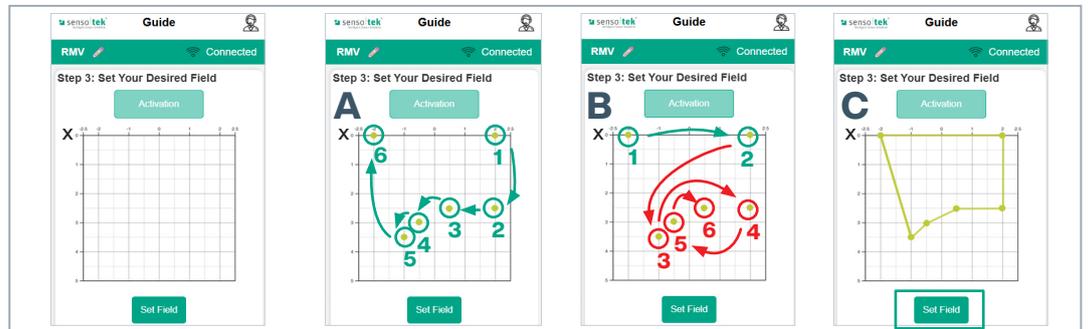
In general, use the **black arrow buttons** at the bottom right (/left) to continue to the next (/previous) step.

8. Set Height



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

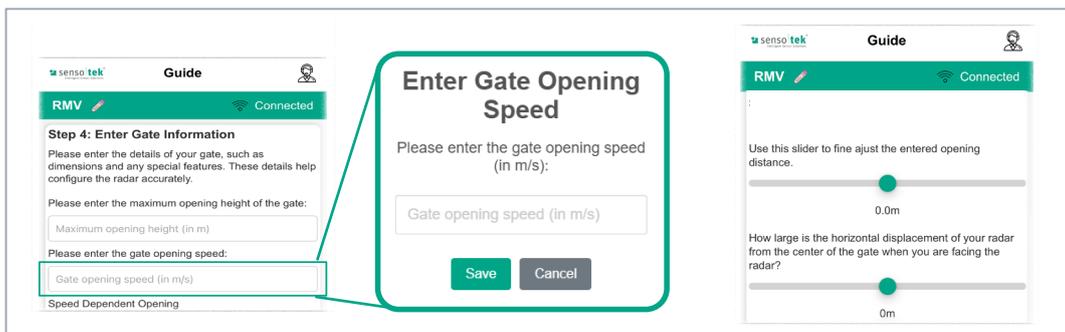
9. Determine Activation Range



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

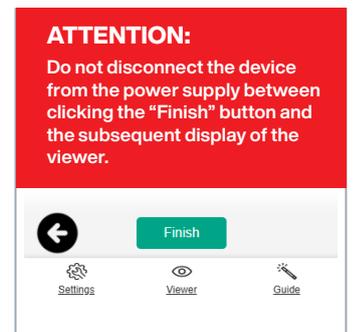
Point 1 on the x-axis (= zero line) to the **right** of the gate center, set **further points** in sequence (Fig. A), **not crosswise (left/right/left... Fig. B)**; **last point** on the x-axis (= zero line) to the **left** of the gate center; save with **"Set field"** (Fig. C). If required, field can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

10. Set Gate Parameters



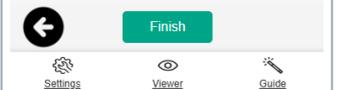
Enter the **opening height** of the gate, enter the **opening speed**; define the **gate width**; set the **offset to the centre of the gate** and the **classification level**.

11. Save All



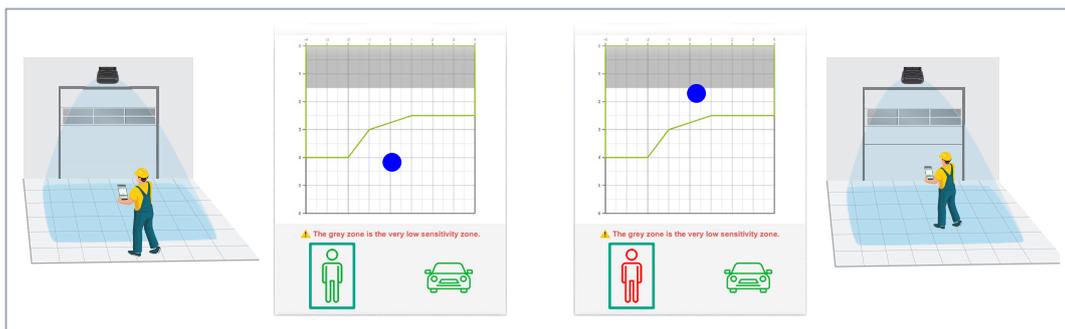
ATTENTION:

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



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

12. Viewer: Function Test



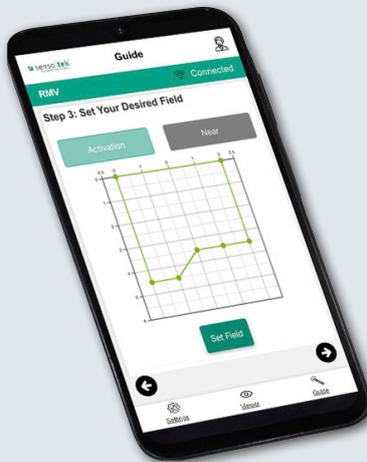
If the technician moves within the detection area, they are displayed as a dot in the grid field. **Green signal**: person detected in the detection area; **red signal**: person detected in the activation area; opening impulse is triggered.

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

Quick Start Guide – Advanced settings

Radar MultiView RMV-G2

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



Quick Start Guide – Extended

for the configuration tool
RMV-Quick

EN

Extended Settings

12. Viewer: Function test

Person detected in the activation area;
Opening impulse is triggered; **red signal**

If the results in the Viewer menu do not yet meet the application-specific requirements → Perform changes according to **Extended settings**.

13. Adjustment of the field of vision

Smaller field of vision → Set angle larger (= locking lug 3).
(*Standard: 2; approx. 30°). → **!!!Angle Modification!!!** =
Review resulting field size

14. Assign Name

Assign name → Click on „RMV“

15. Settings – Change Settings

Saved settings analogous to the Guide menu → **Only edit the settings to be changed**

Change settings via Settings menu



Call up Settings via the navigation bar at the bottom

Individual entries can be corrected in the respective sub-menus. **Save changes again!**

After entering all changes via the navigation below on Viewer → new Function test



→ General change to the corresponding view via the navigation below

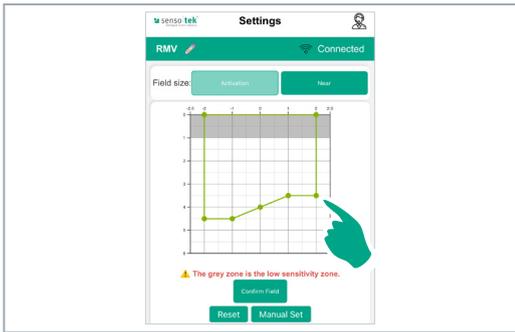
16. Settings – Classification Level

Vehicles are not detected properly: **move setting to the left** → Low/Very Low;
Persons are detected as vehicle too often: **move setting to the right** → Mid/High

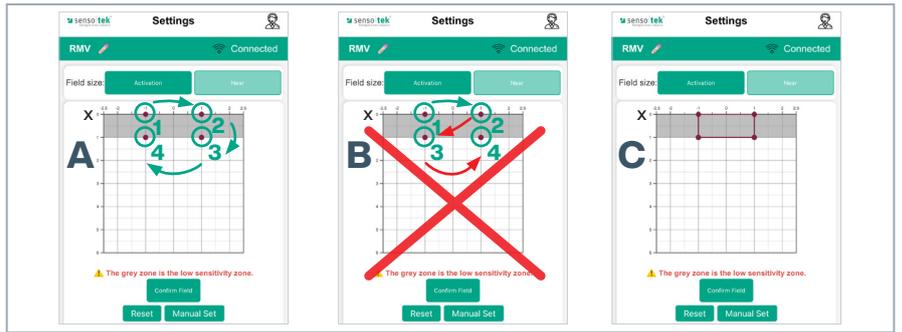
17. Settings – 2 Outputs

Factory setting → NO/NC, Person/Vehicle: This settings can be changed here.
Click on the "On" button → selected relay inactive (= appears gray).

18. Settings – Fields – Activation/Near Area

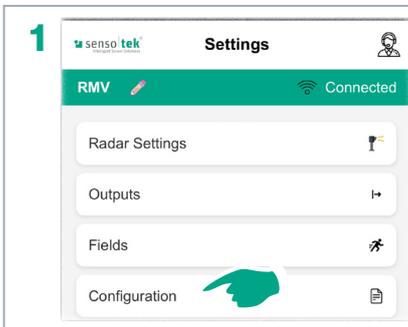


Change the **created activation area** by moving the set points.

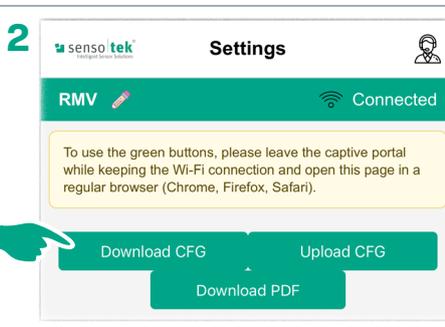


Near area: the gate will open in any case in this range. Set the points analogous to the activation range: **Point 1** on the x-axis (= zero line) to the **left** of the gate center, **point 2** on the x-axis (= zero line) to the **right** of the gate center, set **further points** in sequence (Fig. A), **not crosswise (left/right/left... Fig. B)**! Save with **"Confirm Field"** (Fig. C).

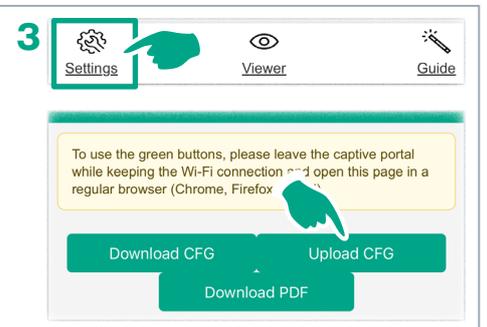
19. Settings – Configuration – Device Cloning



Installing and configuring several Radar sensors with the same requirements → Transfer the saved configuration of the first Radar to the other devices

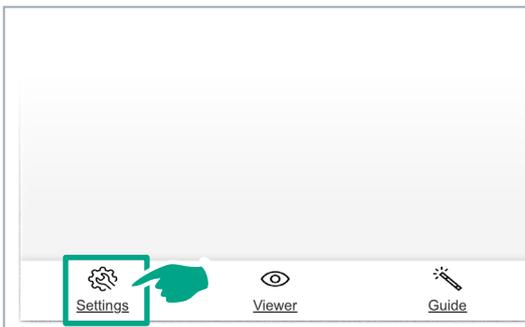


Download CFG: download the "Config.dac" file for storage on the mobile device.

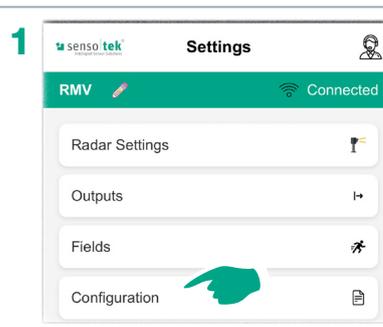


Connect to the next Radar. Select **"Settings"** in the menu below → **Window 1 (right)** appears. → click **Configuration** → click **„Upload CFG“** → upload the saved file from the mobile device to the new radar; **done**.

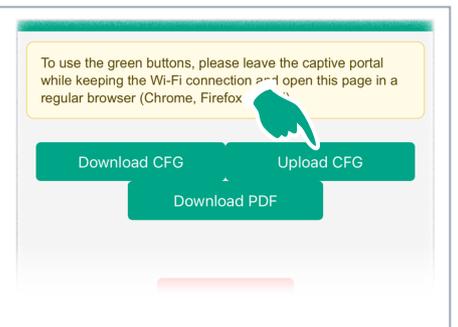
20. Settings – Configuration – Upload Existing Profile



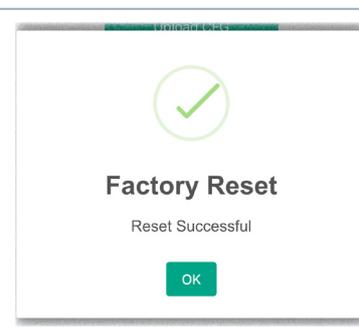
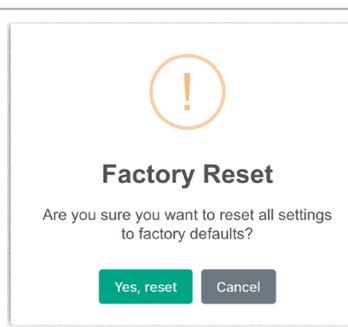
If a configuration profile already exists, it can be uploaded directly:



Select **"Settings"** in the menu at the bottom left → **Window 1 (right)** appears. → click **Configuration** → click **„Upload CFG“** → upload the saved file from the mobile device to the new Radar; **done**.



21. Factory settings



ATTENTION: Clicking the **"Factory settings"** button deletes all saved entries and resets the password → A confirmation message appears. **If this is confirmed with "Yes, reset", you will be redirected to the start page. The configuration must be carried out again from the beginning.**