

SOMlink



SOMlink service interface

SOMMER Antriebs- und Funktechnik GmbH



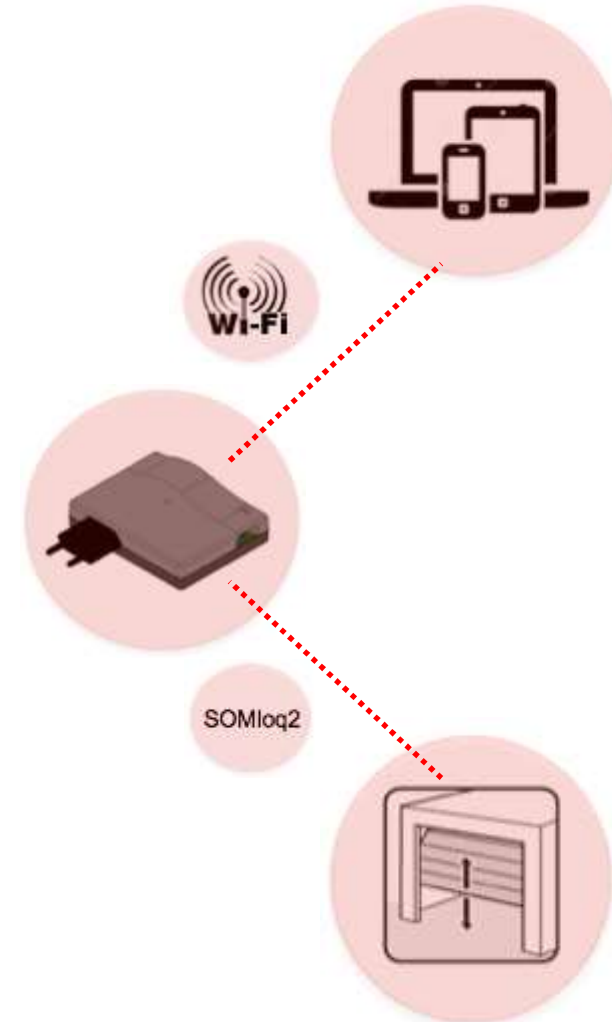
SOMlink service interface



Service tool, for adjusting and viewing parameter settings of the drive by the technician.

Construction

- Integrated Wi-Fi module
- Integrated web server
- Universal for smartphone / tablet / notebook
- Translator Wi-Fi → SOMMER radio system

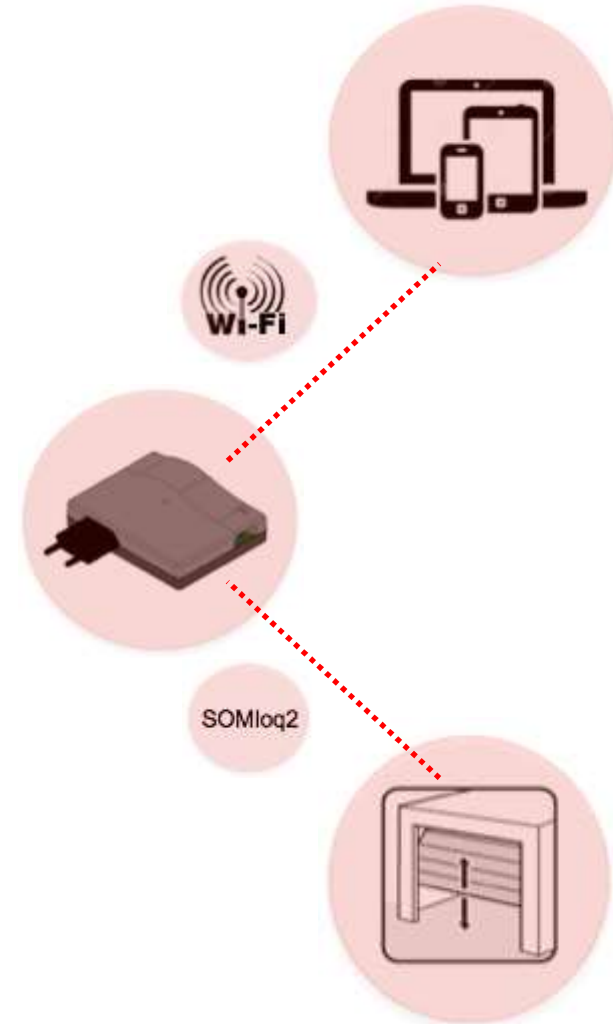


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Functions

- Changes of drive parameter e.g. speed, sensitivity, partial opening, auto closing and so on
- Diagnosis help e.g. forth paths, event history, long-term event memory and so on
- Data backup
- Help during installation e.g. program radio, do a reset and so on_



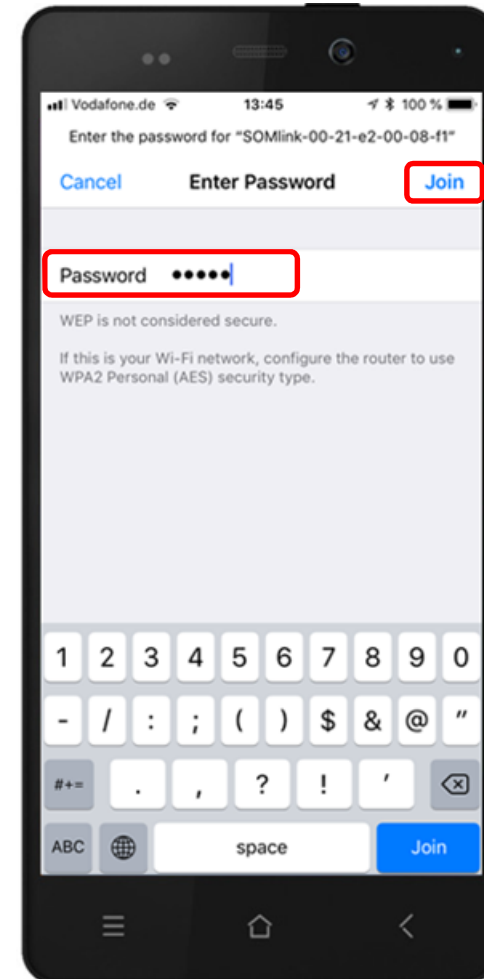
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Wifi-connecting

- Plug in SOMlink to power supply
- Activate smartphone
- Go to **Settings, Wi-Fi**
- Choose SOMlink network (see MAC address at SOMlink back side)
- Enter password (see password at SOMlink back side)
- **Join** network

First LED at SOMlink lights up green if
Wi-Fi connection is established

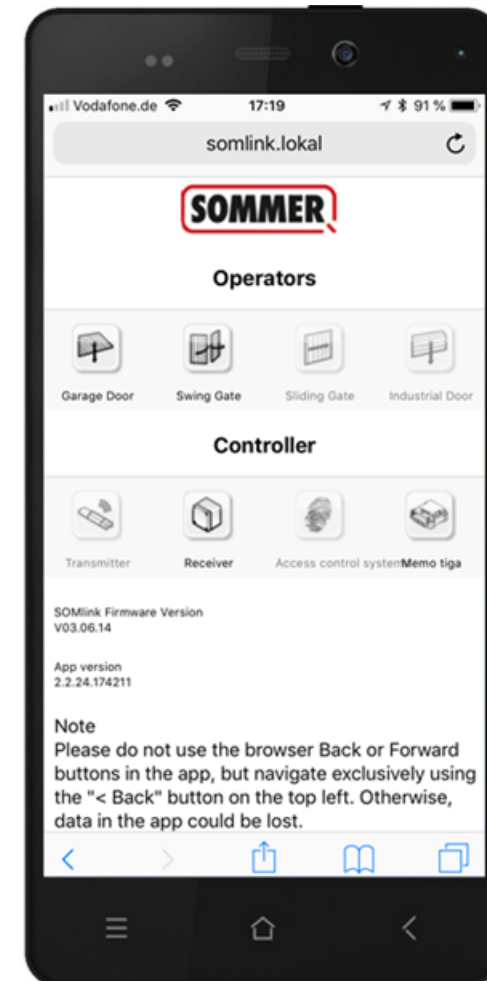


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Connecting

- Open any internet browser
- Enter address:
http://somlink.lokal
- Open address
- Start page is loading
- App for connection (android)

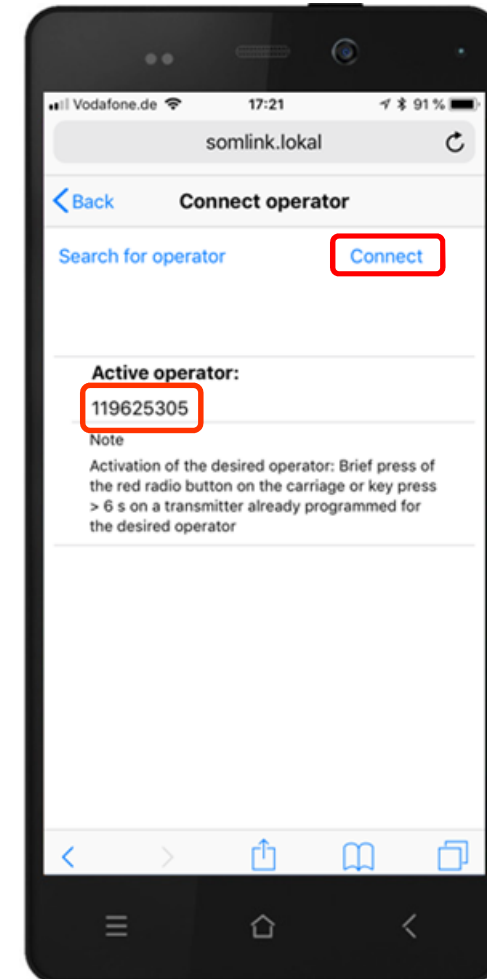


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Connecting to operator

- Choose operator
- **Connect operator**
- **Search for operator**
- **Search** is running (approx.15 sec)
- Push **Radio** button at carriage while searching
- Serial number appears
- **Connect**



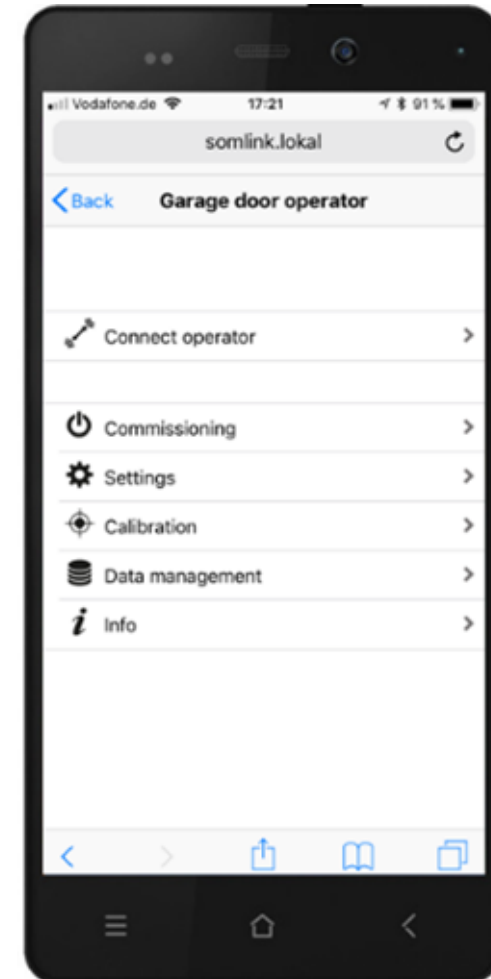
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There are two different options:

- Partially it is possible to do *changes* actively
- Partially it is just possible to *view* values

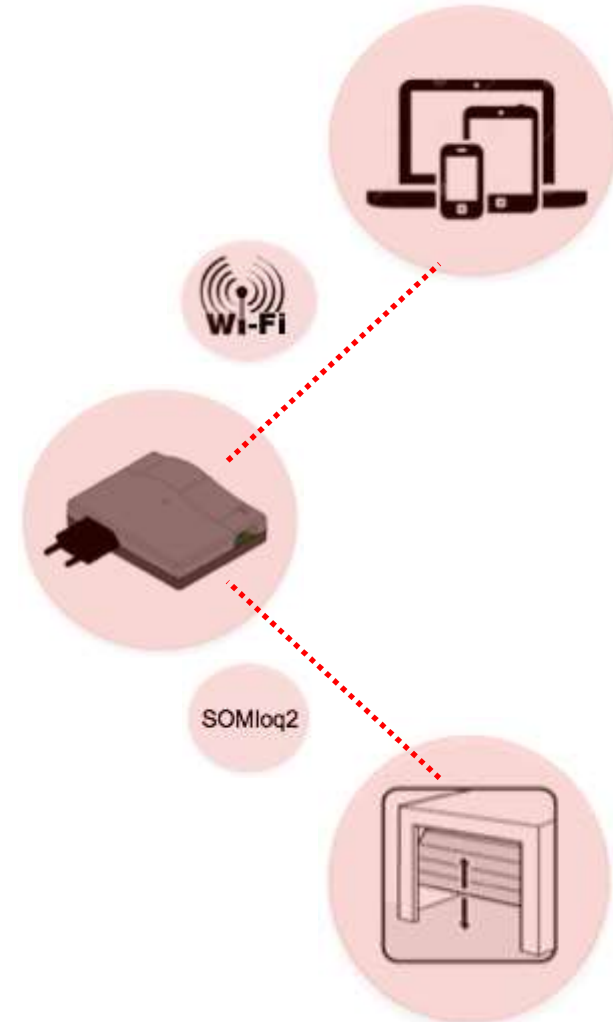
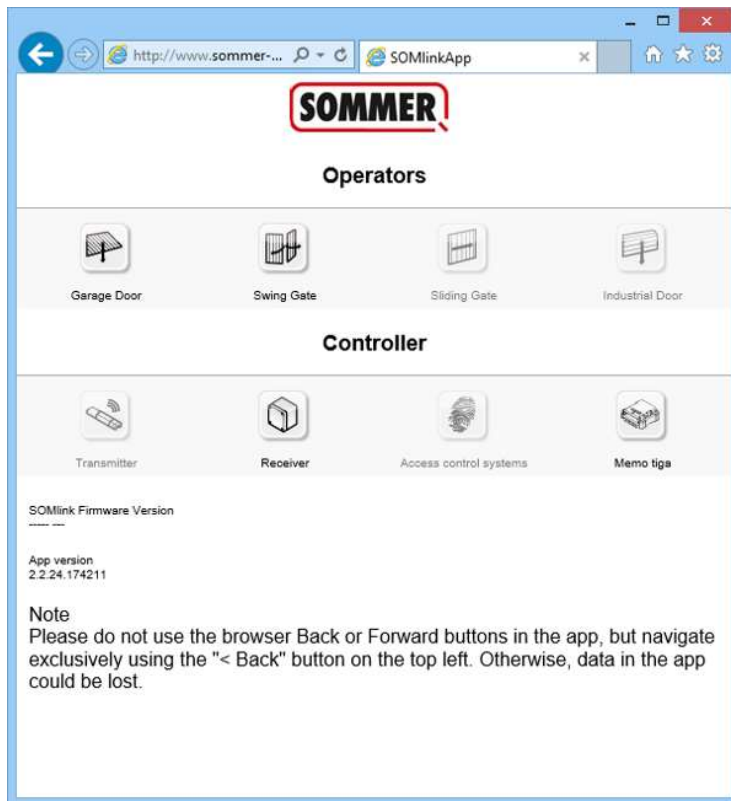


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Demo version online:

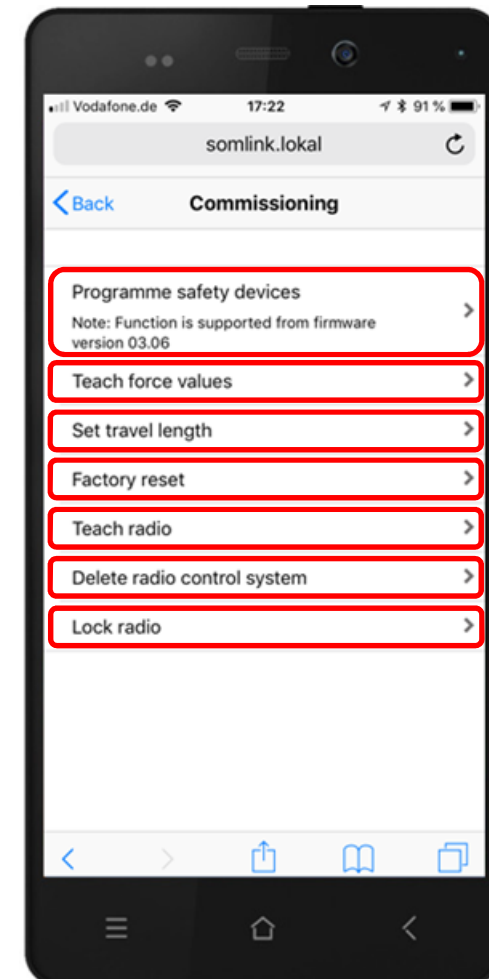
- <http://som4.me/SOMlink>



- It's a service tool for technicians
- Check, change and save data
- Usable everywhere, including building site
- Operator with SOMloq2 radio system required
- No manual needed, help text is visible at any situation on your display
- Usable with smartphone, tablet, notebook or PC
- Only Wi-Fi adapter and web browser required, no app or software installation necessary at device

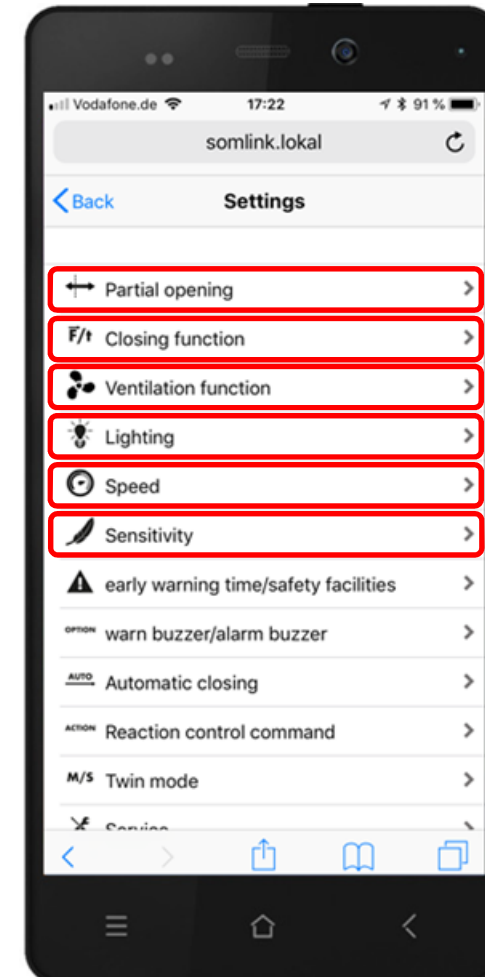
Commissioning

- **Program safety devices**
Connected safety devices will be detected again
- **Teach force values**
Force values will be deleted
- **Set travel length**
Travel length will be deleted
- **Factory reset**
Reset to factory settings
- **Teach radio**
Radio system is set to programming mode, channel 1 to 4 is selectable
- **Delete radio**
Delete single radio command, delete transmitter from radio system, delete radio channel, delete all
- **Lock radio**
Radio system is locked for programming or deleting additional handset transmitters



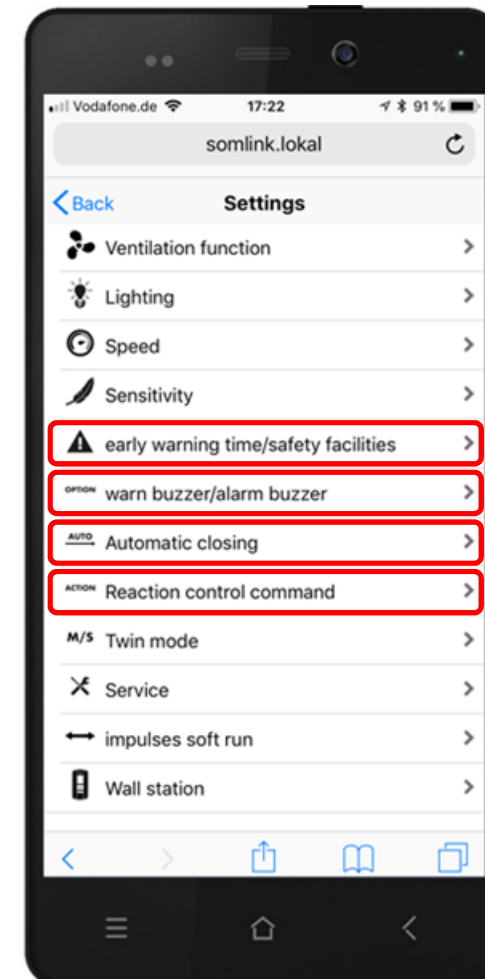
Settings

- **Partial opening**
Info about DIP switch, adjustment position partial opening
- **Closing function**
Closing force, Back jump
- **Ventilation function**
Distance, threshold, max. ventilation time, function test sensor
- **Lighting**
Lighting time for OPEN / CLOSE / Motion sensor and wicket door sensor, Warning light external is blinking / lights up while operation
- **Speed**
OPEN / CLOSE adjustable separately
- **Sensitivity**
Tolerance of force detection



Settings

- **Early warning time / safety facilities**
Early warning time OPEN / CLOSE separate, function safety device direction OPEN / CLOSE / BOTH tuneable
- **Warn buzzer / Alarm buzzer / Laser**
Buzzer early warning closing / Alarm buzzer / Wicket door buzzer tuneable, function test buzzer
- **Automatic closing**
Fully- / semi-automatic closing, function from position OPEN / PARTIAL OPEN / BOTH tuneable, open holding time end position / partial opening, Clearance time, Shortening of the open holding time
- **Reaction control command**
Automatic change of direction of rotation, continue travel in direction OPEN, continue travel in direction CLOSE, Priority command from the exterior

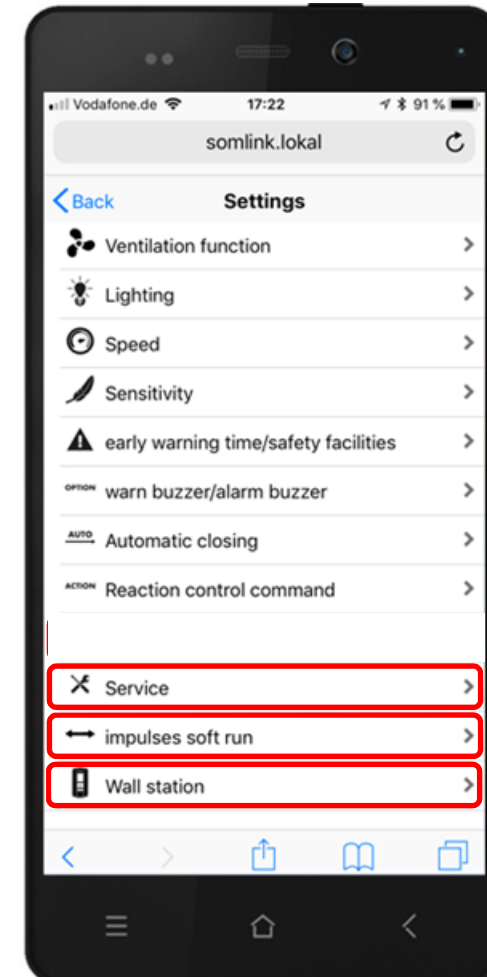


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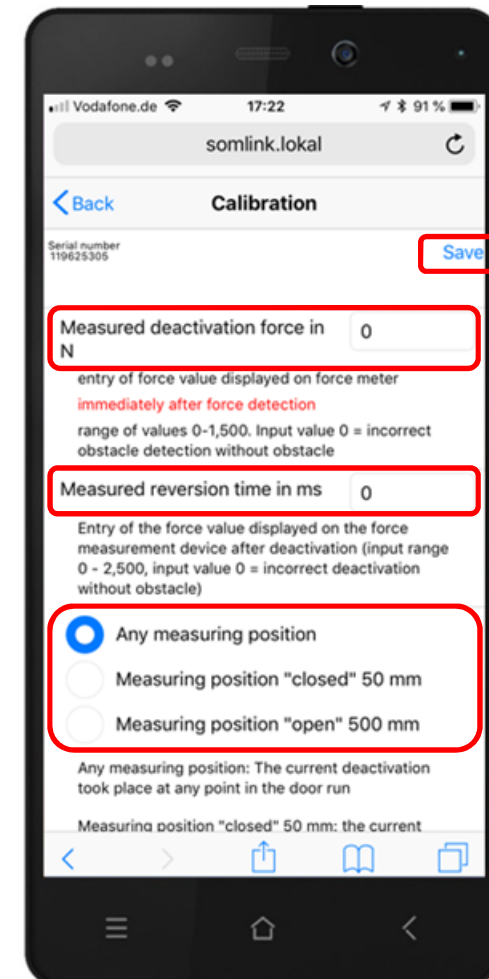
Settings

- **Service**
Settable service interval door cycles or operating days, settable service interval wicket door, display of remaining cycles or days till next service, editable info text
- **Impulses soft run**
Soft run CLOSE, soft run OPEN tuneable
- **Wall station**
Locking function like radio control, key switch and / or Senso



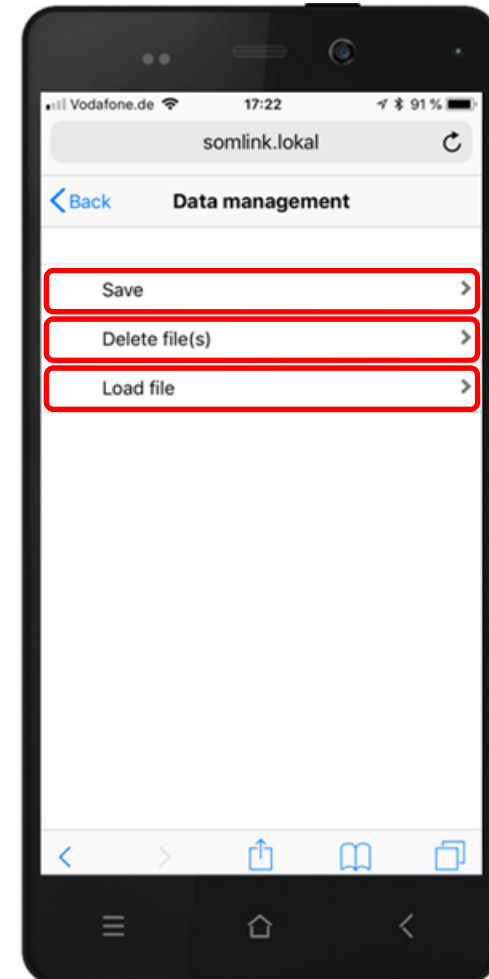
Calibration

- Measuring of closing forces with an adequate instrument
- Entering measured force [N] and time [ms] directly after force detection
- Enter measuring position
- Save data
- Operator recalculates values, force and reaction time will be different while next movement



Data management

- **Save**
Save data from carriage to SOMlink
- **Delete file(s)**
Delete data at SOMlink
- **Load file**
Download file from SOMlink to PC or notebook /
upload data to SOMlink or carriage

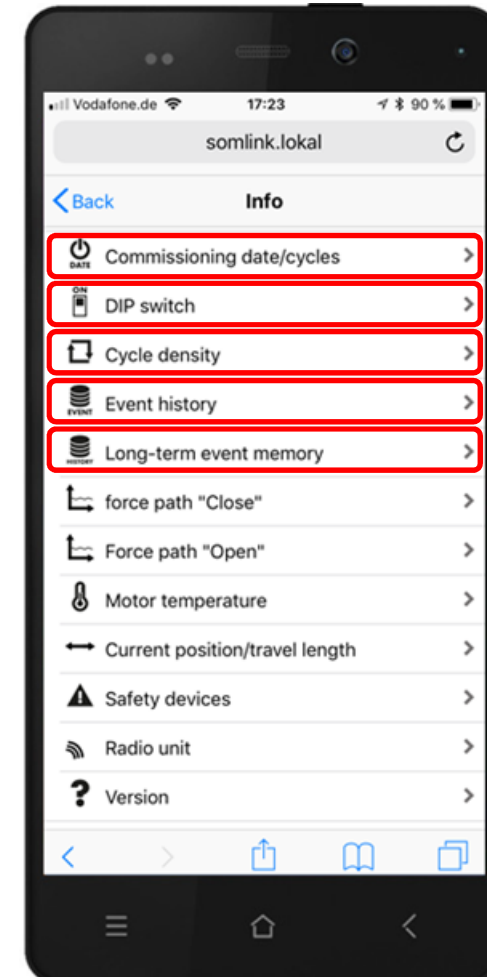


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Info

- **Commissioning date / cycles**
Information about commissioning date and completed cycles
- **DIP switch**
Information about status of DIP switches
- **Cycle density**
Information about days with most cycles per hour
- **Event history**
All short time events are stored like push button commands, radio commands or reached end position. The last 50 events are stored
- **Long-term event history**
DIP switch alternation, changes of security devices, force detection, teaching process are stored. The last 40 events are stored

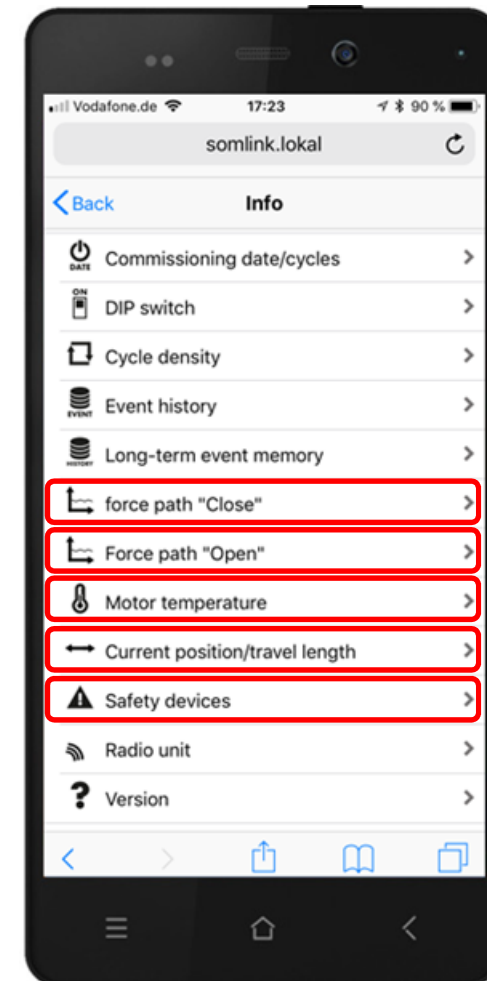


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Info

- **Force path „Close“**
Force path basic data / actual data
- **Force path „Open“**
Force path basic data / actual data
- **Motor temperature**
Current motor temperature, Motor limit temperature,
option with Senso: ambient temperature, humidity
- **Current position / travel length**
Shows current position, shows position OPEN /
CLOSE, position partial opening, ventilation position,
position frame light barrier and conversion factor in mm
- **Safety devices**
Shows detected safety devices

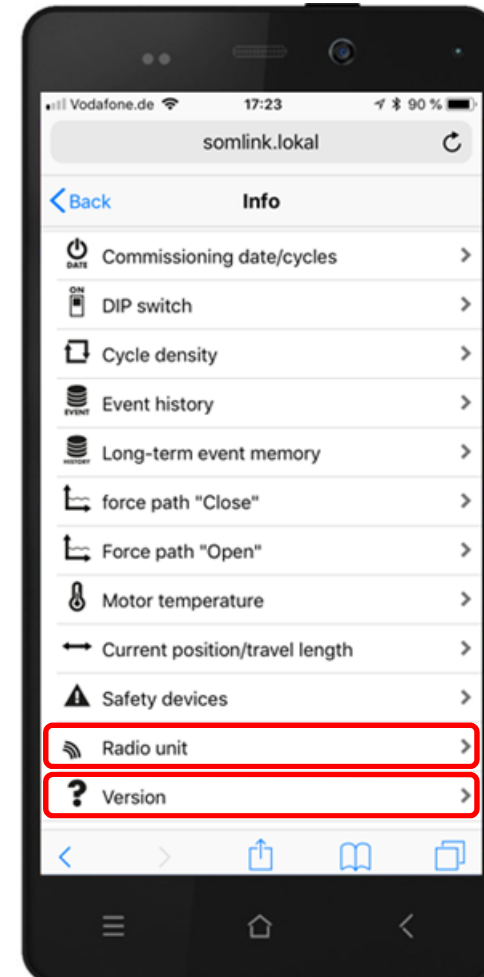


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Info

- **Radio unit**
Shows connected radio transmitters including serial number and programmed function
- **Version**
Identification of operator, firmware of operator and SOMlink



- Helpful while commissioning
- Many possibilities for fine tuning. For example changing time for automatic closing or the distance for partial opening
- Very helpful for calibrating of operator
- Data management
- Rich information, e.g. cycle density, event history, ...
- Locking radio, very useful in public garages

Info

- This updater you should download from our SOMMER homepage, because it will help you to keep your SOMLink always up to date, so you will have the newest function available.



[SOMMERsuite](#)

Do you have questions?





Thank you for your attention!

