



SOMMER



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SOMloq2

RDC Vision⁺

The optimum way to control roller doors

The new RDC Vision+ is now even more user-friendly

Quality

- ✓ Universal roller door control unit for tubular motors up to 1,000 W, AC 230 V
- ✓ Integrated LED technology: durable, energy-saving and efficient lighting
- ✓ Made in Germany

Safety

- ✓ TÜV type-tested certification
- ✓ Standard-compliant safety switch-off in acc. with Category 2, PLd
- ✓ Bidirectional, secure radio system SOMloq2 thanks to 128-bit AES encryption
- ✓ Integrated evaluation of optical or electrical safety contact strips
- ✓ Convenient connection via pluggable connecting terminals which cannot be interchanged

Versatility

- ✓ Defined "OPEN", "STOP" and "CLOSE" activation via radio, external or integrated 3-function pad
- ✓ Lighting can be activated by radio
- ✓ Transmitter buttons can be deleted selectively
- ✓ Suitable for private and commercial use

Intelligence

- ✓ Fully automated learning process for run times
- ✓ Countless setting and querying options via SOMlink service interface or DIP switch, for example automatic closing, partial opening, service interval, door cycles
- ✓ Disabling of the roller door in combination with a frame photocell
- ✓ Simple and quick diagnosis via integrated LED on the connecting terminals and slots

TECHNICAL DATA

Radio system	SOMloq2
Frequency	FM 868.95 MHz
Memory locations	40
Voltage supply	AC 220 V–240 V
Temperature range	–25 °C to +65 °C
Dimensions	288 × 160 × 75 mm
Protection class	IP21



SOMloq2 – even more security and convenience

Secure encryption

The future-proof SOMloq2 radio control system offers maximum protection against hackers thanks to 128-bit AES encryption with Rollingcode.

Repeating radio signal

The auto-repeat function ensures convenient opening while approaching the building. The output radio signal repeats in a certain cycle to permit optimal availability.

High radio range

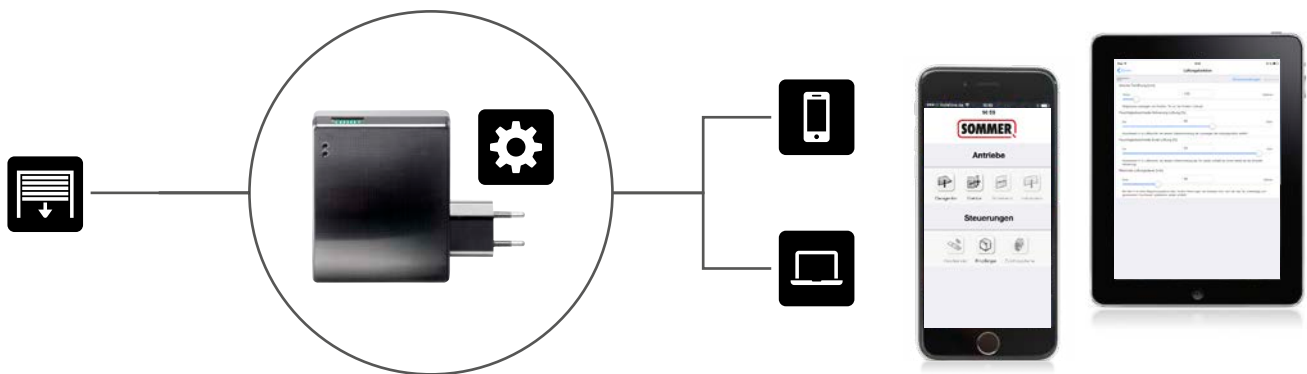
An innovative hop function extends the range, as radio signals are forwarded from SOMloq2 receivers.

Also for existing SOMMER operators

Downward compatible with the Somloq Rollingcode radio control system, making it possible to control and continue to use existing operators and radio receivers.

SOMlink

With intelligent control technology for dealers, there are additional options for easily adjusting features and parameters with a web app using your smartphone or tablet.



Compatibility

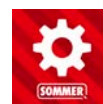
- Service interface for operators/ receivers with our future-proof SOMloq2 radio system

Technology

- Integrated WiFi module
- Integrated web server
- Universal for smartphones, tablets or laptops
- WiFi and SOMMER radio control system translator / connection
- No on-site Internet connection required! A direct WiFi connection is established between smartphone, tablet or laptop and the SOMlink.

Diagnosis and service

- Commissioning help
 - Deleting transmitters
 - Teaching force values
 - and much more
- Changing operator settings
 - Period of illumination
 - Speeds
 - Early warning times
 - Configuring safety devices
 - and much more
- Calibrating force values
- Reading out/saving and loading system data
- Reading out diagnostic information
 - Cycle counter
 - Event history
 - Visualisation of force curves
 - and much more



SOMlink app for Android:

This app facilitates connection set-up.





1

2

3

4

5



The RDC Vision⁺ offers you completely new options with numerous connections!



1 Memo

- Memory extension, pluggable, Plug & Play
- Expands the memory of the handheld transmitter to 450 handheld transmitter commands
- Automatic transfer of the handheld transmitter commands from the internal memory of the operator to the Memo
- Simple data backup and transfer of the handheld transmitter commands to a new control unit if service is required



1 Senso

- Humidity sensor, pluggable, Plug & Play
- Provides a sensor-controlled ventilation function for the reduction of mould in your garage
- Records the temperature and air humidity in the garage
- If required, the door is automatically opened, ensuring perfect circulation
- When the optimum value is reached, the door is closed



2 Buzzer

- Alarm/warning buzzer, pluggable, Plug & Play
- Can be used as an alarm buzzer reporting a break-in attempt or as a warning buzzer during the closing process (alarm buzzer only in combination with a pre-end position switch or Senso in ventilation position)
- Issues an acoustic signal
- Pre-warning before the closing process can be set (pulsating beeping tone during the pre-warning time)



3 Relay

- Relay, pluggable, Plug & Play
- Potential-free changeover contact
- For activating external lighting or querying the door status "gate closed"/"gate not closed"



3 Output OC

- pluggable, Plug & Play
- Contact-free switching
- Open collector output
- Transmission of a static signal for display of the door status to Smart Home systems

4 Serial interface

- e. g. for the Homelink® module

5 DoorScout

- Wireless signal transmission system for safety contact strip in combination with low power sensors

Further connection options

- ✓ Optical and electrical safety edge
- ✓ Pre-end position switch, e.g. reed contact
- ✓ Palm button for Emergency Stop
- ✓ Anti-drop device
- ✓ Buttons such as key switches, 3-function pad
- ✓ Photocell for protection in door Close (2-wire, 4-wire and frame photocell)
- ✓ External warning light 230 V, max. 40 W



LED lighting





Explanation of symbols



Bidirectional radio system enables active communication between the transmitter and receiver.



Maximum protection against hackers thanks to 128-bit AES encryption with Rollingcode.



Disturbance-resistant radio signal guarantees a large range and reliability.



Durable, energy-saving and efficient lighting thanks to state-of-the-art LED technology.



Operators and radio receivers with this symbol are supported by the SOMlink service interface.



You can identify products with the SOMloq2 radio system by this mark.



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