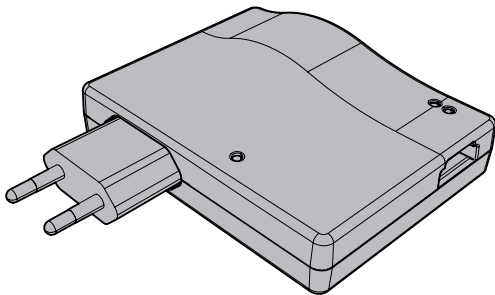




# SOMweb



## Manual

# Contents

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# Section on safety

## Notes on safe use of door operators

### **WARNING**

**There is a risk of serious or fatal injury if door operators are not used correctly.**

- ▶ Keep children away from the SOMweb and the user interface.
  - ▶ Do not drive through the door until it has been fully opened.
  - ▶ Observe all warnings and safety information in the installation and operating manual for the operator.
- 

## Notes on safe operation of SOMweb

The SOMweb may only be used on the operator in combination with a photocell.

# Legal information

## Intended use

The SOMweb may only be used in combination with SOMMER door operators.

With an established network connection, the door can be opened and closed, the current door status and the door status by calendar day queried, settings can be made and administrators and users managed via the user interface (Apple, Android or browser).

In addition, with the corresponding accessories, a video live stream of the door system can be transmitted to the user interface.

Any use above and beyond this is deemed to be improper use and is therefore not permissible. Improper use will render all claims under warranty null and void.

## Links

[www.sommer.eu](http://www.sommer.eu)

Download area for installation and operating manuals

[www.som4.me/man](http://www.som4.me/man)

# Legal information

## Declaration of Conformity (EU)

Item No.: S11342-00001 / 868.95MHz

### EU Declaration of Conformity

**SOMMER Antriebs- und Funktechnik GmbH**

Hans-Böckler-Straße 21 - 27

73230 Kirchheim / Teck

Germany

declares that, if used as intended, the product described below complies with the fundamental essential requirements of Directive 2014/53/EU (Radio Equipment Directive) and that the standards listed below have been applied.

<b>Applied standards (where applicable):</b>	<b>Date:</b>
--	--------------

• EN 62368-1	2016-05
• EN 62479:2010	2011-09
• EN 300 220-1	2017-05
• EN 300 220-2	2017-05
• EN 301 489-1	
• EN 301 489-3	2013-12
• EN 300 328	2017-02

Product	Item Number	Frequency
SOMweb	S11342-00001	868.95 MHz

The company SOMMER Antriebs- und Funktechnik GmbH bears sole responsibility for issuing the Declaration of Conformity.

The undersigned is responsible for compilation of the technical documents.

Kirchheim,  
24 July 2018



lv.   
Jochen Lude  
Responsible for documents

# Legal information

## **FCC / IC Statement (USA / Canada)**

**Item No.: S11344-00001 / 922.5 MHz**

This device complies with FCC rules part 15. The operation of this device is subject to the following conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation!

# Technical information

## Functional description

The SOMweb serves as an interface between end devices such as a PC (browser), tablet or smartphone (Android and iOS) and a SOMMER door operator. Up to ten SOMMER door operators can be connected via SOMloq2 wireless connection. The end devices are connected to the SOMweb using Wi-Fi or LAN.

This enables communication with the operator via a graphical user interface. Among other things, the door status can be queried and access rights assigned to users\*. A web cam can be integrated via a plug-in and the door status transmitted per live stream to the user interface.

\*10 users free of charge

while a paid plug-in allows you to add 50 or an unlimited number of users.

# Technical information

**The connection can be established in three ways:**

## **Remote Access (via the Internet):**

The SOMweb is integrated into the home network via Wi-Fi. The end device must have a data connection with adequate bandwidth. This allows you to access and operate the user interface via the app or a browser from any location where the data connection is available.

## **Client Mode (standard):**

The SOMweb is integrated into the home network. An active Internet connection is not required.

Access to the user interface is only possible within the Wi-Fi radius. Remote control is not possible.

## **Access Point Mode (stand-alone):**

The SOMweb functions as a Wi-Fi access point if no home network is available. The SOMweb is accessed from the end device. A router is not required.



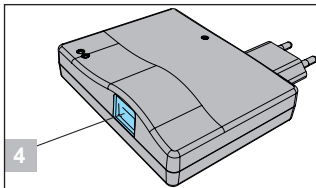
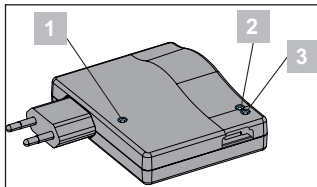
# Technical information

## Technical data

<b>Power supply input</b>	
Rated voltage	100 - 240 V
Rated frequency	50 / 60Hz
<b>Power supply output</b>	
Rated voltage	5 V / DC
Rated current	1 A
<b>SOMweb input</b>	
Rated voltage	5 V / DC
Rated current	1 A
Dimensions (without power supply unit)	102 x 80 x 28 mm
Wi-Fi standards	2.4 GHz / IEEE 802.11b/g/n

# Technical information







## Interfaces and LEDs






1	Reset button
2	Status LED
3	Network LED
4	USB interface

# Technical information









## Flashing codes

Status LED	Meaning	Action
Off	No voltage supply	Switch on voltage supply
Lights up red 	Voltage supply recently switched on	Wait until the device is ready for operation
Blinks red  (< 30s)	Device is booting	Wait until booting is completed
Blinks red  (> 30s)	Hardware defective	Notify your specialist retailer or Customer Service
Blinks red / orange  / 	Hardware defective	Notify your specialist retailer or Customer Service
Blinks green 	Device is ready for operation	

# Technical information

Network LED	Meaning	Action
Off	No voltage supply or device is booting	Switch on voltage supply or wait until booting is completed
Lights up white 	Initialisation in progress, operator status being queried	Wait until the processes are completed
Lights up blue 	Ready for initial installation	Carry out installation
Blinks blue  (1s)	SOMweb in stand-alone mode	

# Technical information

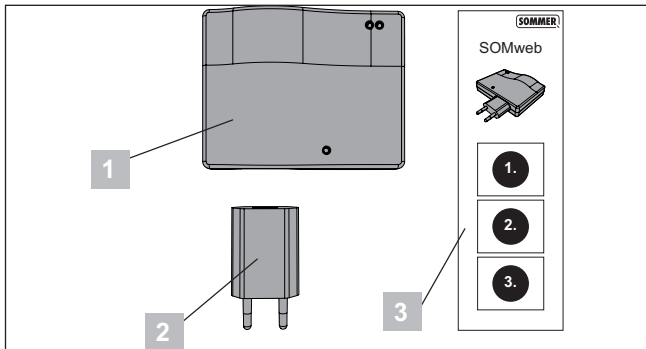
Lights up red 	No network access	Enter correct password / Reset SOMweb to factory settings
Lights up yellow 	Network connection Yes Internet connection No	
Lights up green 	Network connection Yes Internet connection Yes	
Blinks red / green   (1s each)	Time window for installation (15 minutes) has expired, access point deactivated	Turn off the voltage supply and start again
Blinks red / green / blue    (0.5s each)	Display of ID of device which can be started via HomeKit	

# Technical information

Lights up pink 

USB LAN adapter  
detected / no connection  
to network

# Scope of delivery



1	SOMweb
2	Power supply unit
3	Brief instructions

# Initial operation



## ***NOTE***

Initial operation of the SOMweb varies depending on the operating system used.

Initial operation in iOS is described starting on page 17 (next page).

Initial operation in Android is described starting on page 33.



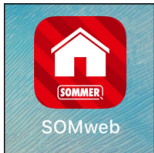
# Initial operation iOS

## Client Mode / Remote Access



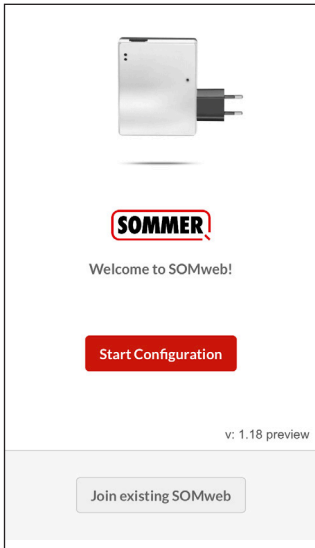
[www.som4.me/somweb-ios](http://www.som4.me/somweb-ios)

1. Download the SOMweb app from the App Store and install it.



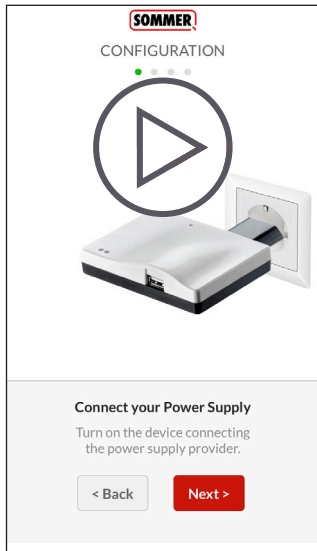
2. Open the SOMweb app.

# Initial operation iOS



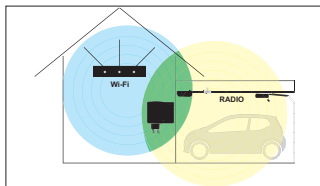
3. Tap **Start Configuration** to start initial operation.

# Initial operation iOS



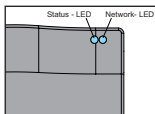
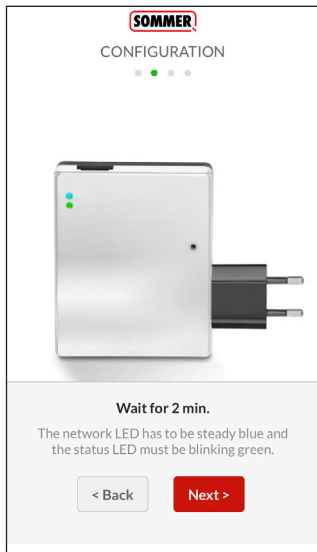
## NOTE

The SOMweb must be in a location where it is both within the range of the Wi-Fi router and within the radio range of the operator.



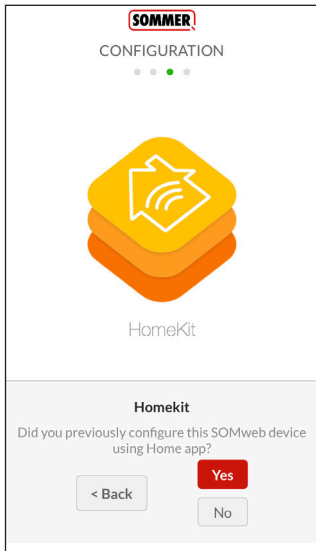
4. Connect the SOMweb to the mains power supply.
5. Tap **Next >** to move to the next step.

# Initial operation iOS



6. Wait until the LEDs have reached the following states:
  - ⇒ Status LED:  
**Blinks green**
  - ⇒ Network LED:  
**Lights up blue**
7. Tap **Next >** to move to the next step.

# Initial operation iOS

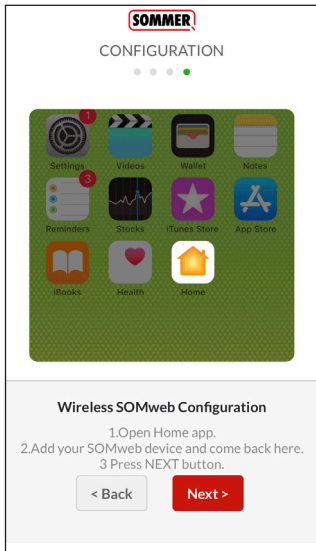


## NOTE

In order to establish the connection with Apple HomeKit, it is necessary to exit but not close the SOMweb app.

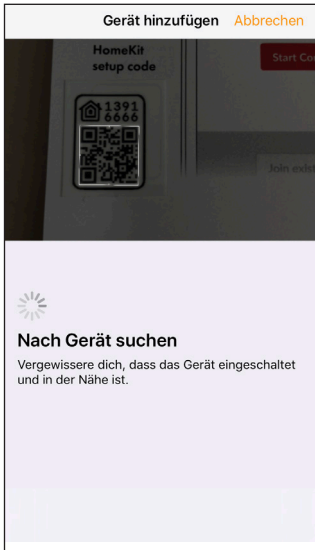
8. If the SOMweb was not yet added to HomeKit, tap No.

# Initial operation iOS



9. Open the Apple Home App.
10. Select the menu item "Add new device".

# Initial operation iOS

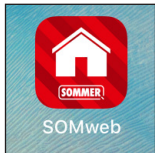


11. Scan the HomeKit setup code.

**i** The setup code can be found on the back of the device and on the sheet inside the packaging

⇒ The SOMweb is integrated into Apple HomeKit

# Initial operation iOS



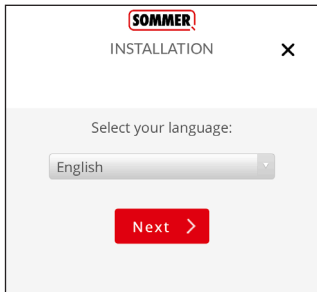
12. Return to the SOMweb app and tap **Next >** to move to the next step.



13. Select the SOMweb integrated into Apple HomeKit in the previous step.



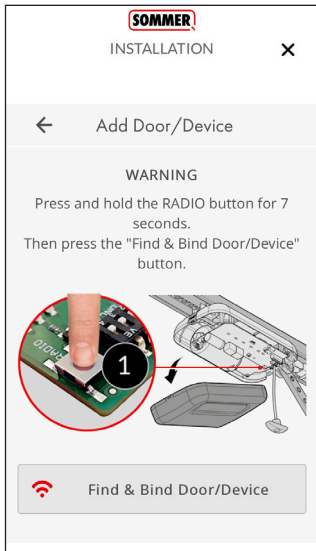
# Initial operation iOS



14. Select language.

15. Tap **Next >** to move to the next step.

# Initial operation iOS



## NOTE

On the display, the position of the Radio button is shown using the example of a base+ operator.


See the respective manuals for the position on other operators.



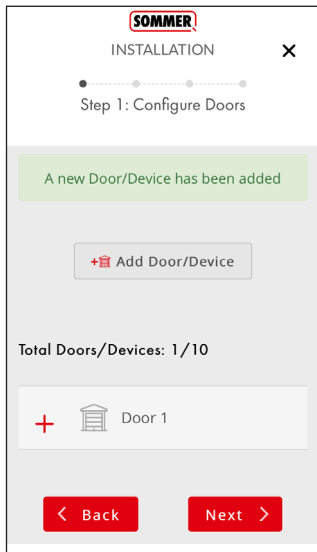
[www.som4.me/man](http://www.som4.me/man)

16. Press and hold the Radio button for 7 seconds.

⇒ The LED on the receiver lights up.

17. Tap  Find & Bind Door/Device .

# Initial operation iOS

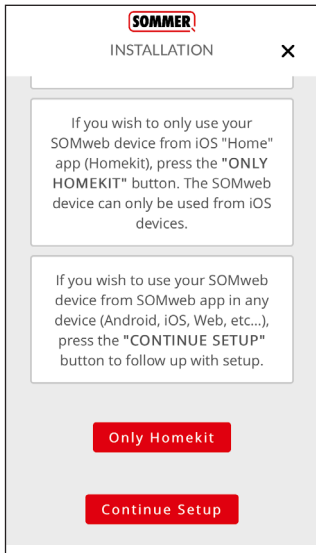


## NOTE

Repeat the steps on page 26 to add further operators.

18. Tap **Next >** to continue with this operator.

# Initial operation iOS



## NOTE

Here, you select whether the SOMweb is to be used exclusively with Apple HomeKit or also with other devices.

19. To use the SOMweb with all available end devices, tap

**Continue Setup**.

# Initial operation iOS

**SOMMER**

× CONFIGURATION

Step 2: Admin Information

SOMweb UDI: 000011001111

Please, write down the above code and store it in a secure place.

Login: admin

New password

Retype new password

Contact name

Email

< Back      Next >

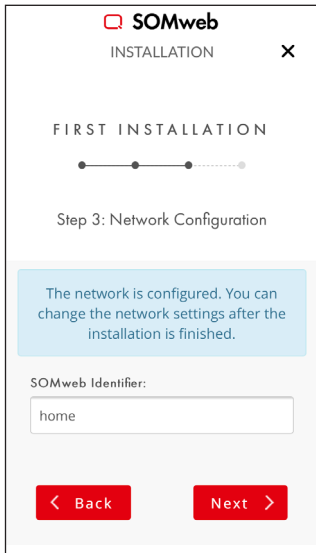



## NOTE

The UDI number allows the operator responsible for the system (Admin) to identify the device. It should not be publicly accessible.

20. Make a note of the displayed UDI.
21. Define a new password.
22. Enter name of contact (optional).
23. Enter e-mail address.
24. Tap **Next >** to move to the next step.

# Initial operation iOS



 **SOMweb**  
INSTALLATION ×

FIRST INSTALLATION

● — ● — ● — ●

Step 3: Network Configuration

The network is configured. You can change the network settings after the installation is finished.

SOMweb Identifier:

< Back Next >

## NOTE

A name can be assigned to the installed SOMweb here. Assigning a name to the SOMweb makes it easier to identify an individual device where several SOMwebs are used (e.g. at home, in a company etc.).

25. Define the device name.
26. Tap Next > to move to the next step.

# Initial operation iOS



## INSTALLATION



used as a reference and that your door may actually be open although the system indicates it is closed.

Under no circumstances shall SOMMER Antriebs- und Funktechnik GmbH, nor our affiliates and staff be liable for any damages, including without limitation, direct, indirect, incidental, special, punitive, consequential, or other damages (including without limitation lost profits, lost revenues, or similar economic loss), whether in contract, tort, or otherwise, arising out of the use or inability to use the remote access feature, the SOMweb product or its related app and Software, even if we are advised of the possibility thereof.

☐ I accept above terms and conditions

< Back


Next >

[Continue without activating remote access >](#)



## NOTE

For Remote Access, you must accept the conditions of use.

27. Tap the checkbox next to "I accept above terms and conditions" to accept the conditions of use.
28. Tap  to complete installation.  
⇒ The SOMweb is rebooted



### ***NOTE***

The operation are described starting on page 48.



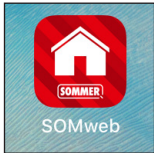
# Initial operation Android

## Client Mode / Remote Access



[www.som4.me/somweb-android](http://www.som4.me/somweb-android)

1. Download the SOMweb app from Google Play and install it.



2. Open the SOMweb app.

# Initial operation Android

1.19



**SOMMER**

Welcome to SOMweb!

START CONFIGURATION

Join existing SOMweb

3. Tap **Start Configuration** to start initial operation.

# Initial operation Android

**SOMMER**

CONFIGURATION



plug!



## Connect your Power Supply

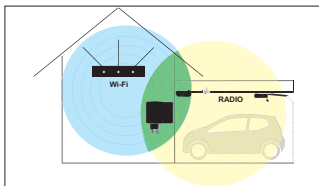
Turn on the device connecting  
the power supply provider

< BACK

NEXT >

## NOTE

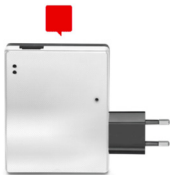
The SOMweb must be in a location where it is both within the range of the Wi-Fi router and within the radio range of the operator.



4. Connect the SOMweb to the mains power supply.
5. Tap NEXT> to move to the next step.

# Initial operation Android

## **SOMMER** CONFIGURATION

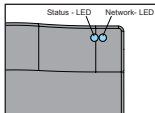


**Wait for 2 min.**

The network LED has to be steady blue and the status LED must be blinking green.

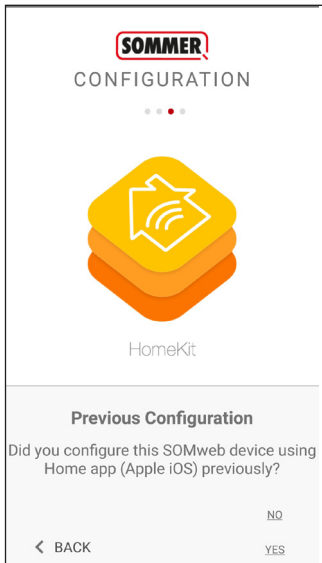
< BACK

NEXT >



6. Wait until the LEDs have reached the following states:
  - ⇒ Status LED:  
**Blinks green**
  - ⇒ Network LED:  
**Lights up blue**
7. Tap **Next >** to move to the next step.

# Initial operation Android



8. For first operation, tap "NO" to continue.










## NOTE

These instructions describe the first installation of a new or reset SOMweb. If the SOMweb is already being used on an Apple device under iOS, tap "YES" and follow the instructions on the screen before returning to these instructions.

# Initial operation Android

**SOMMER**

## CONFIGURATION

- 1  Settings >  Wi-Fi
- 2  SOMweb-XXX  
Connected
- 3  Android system  
Wi-Fi has no Internet access  
 Tap for options
- 4  SOMweb-XXX  
This network has no internet  
access. Stay connected?  
☐ Don't ask again for this network  
NO  YES

### Connect to SOMweb Wi-Fi network.

1. Go to Wi-Fi SETTINGS on your phone.
2. Select SOMweb-XXX Wi-Fi network.
3. Wait for tab alert (Only android 7 or higher).
4. Select YES for "Wi-Fi has no internet"

< BACK

NEXT >

## NOTE

In order to establish the connection between the end device and the SOMweb, it is necessary to exit but not close the app.

9. Open the Wi-Fi settings in Android.
10. Select the SOMweb network.

⇒ It may be necessary to confirm here that you are using a Wi-Fi connection without an Internet connection.

⇒ The name of the network can be found on the back of the SOMweb.

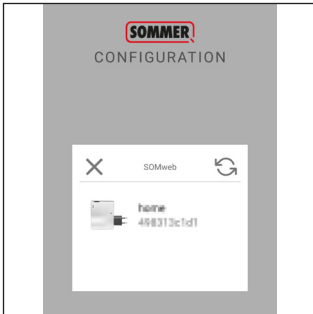
# Initial operation Android



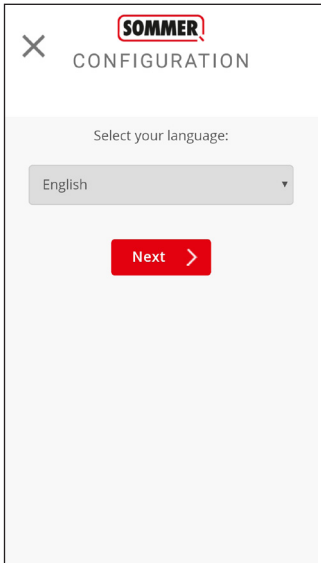
11. Return to the SOMweb app and tap **Next >** to move to the next step.

12. Select the SOMweb.

⇒ The name of the SOMweb can be found on the back of the SOMweb.



# Initial operation Android




13. Select language.


14. Tap **Next >** to move to the next step.



# Initial operation Android


 **SOMMER**

CONFIGURATION

 Add Door/Device

**WARNING**  
Press and hold the RADIO button for 7 seconds.  
Then press the "Find & Bind Door/Device" button.



 Find & Bind Door/Device



## NOTE

On the display, the position of the Radio button is shown using the example of a base+ operator.

See the respective manuals for the position on other operators.



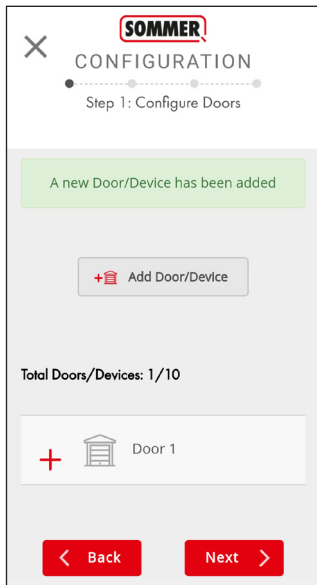
[www.som4.me/man](http://www.som4.me/man)

15. Press and hold the Radio button for 7 seconds.

⇒ The LED on the receiver lights up.

16. Tap  Find & Bind Door/Device .

# Initial operation Android




## NOTE


Repeat the steps on page 41 to add further operators.

17. Tap **Next >** to continue with this operator.

# Initial operation Android

 **SOMMER**

CONFIGURATION

  
Step 2: Admin Information

SOMweb UDI: 000113c1d11

Please, write down the above code and store it in a secure place.



Login: admin

New password

Retype new password

Contact name


Email




## NOTE


The UDI number allows the operator responsible for the system (Admin) to identify the device. It should not be publicly accessible.

18. Make a note of the displayed UDI.
19. Define a new password.
20. Enter name of contact (optional).
21. Enter e-mail address.
22. Tap  to move to the next step.

# Initial operation Android

 **SOMMER**

CONFIGURATION

  
Step 3: Network Configuration


SOMweb Identifier:

Select your Wi-Fi mode

Client Mode (Standard installation) ▾

Configuration mode

Automatic ▾

 Scan Wi-fi networks

-- No Wi-Fi network selected,  
please press scan button --

If your network does not appear select:  
CONFIGURATION MODE -> MANUAL

< Back

Next >



## NOTE


A name can be assigned to the installed SOMweb here. Assigning a name to the SOMweb makes it easier to identify an individual device where several SOMwebs are used (e.g. at home, in a company etc.).

23. Define the device name.


24. Select the Wi-Fi mode.

⇒ The default setting is Client Mode

# Initial operation Android

 **SOMMER**

CONFIGURATION

  
Step 3: Network Configuration


SOMweb Identifier:

Select your Wi-Fi mode

Client Mode (Standard installation) ▾


Configuration mode


Automatic ▾

 Scan Wi-fi networks

-- No Wi-Fi network selected,  
please press scan button --

If your network does not appear select:  
CONFIGURATION MODE -> MANUAL


 Back

Next 



## NOTE

The SOMweb must be integrated into a Wi-Fi network with Internet access so that the SOMweb can be accessed via the Internet. In most cases, this will be the home network.

25. Tap "Scan Wi-Fi networks" and select the network into which you want to integrate the SOMweb.
26. Enter the password for the selected network.
27. Tap **Next**  to move to the next step.

# Initial operation Android



**SOMMER**

## CONFIGURATION



Step 4: Remote Access

### SOMWEB REMOTE ACCESS TERMS AND CONDITIONS

WARNING: NEVER operate the remote access feature of your SOMweb without ensuring that there is an adult physically present in front of the door or gate validating that it is safe to start the remote operation of your device. Failure to do so can result in serious injury or even death. You also understand that the open or closed status of your door indicated by the SOMweb app is only to be used as a reference and that your door may actually be open although the system indicates it is closed.

Under no circumstances shall **SOMMER Antriebs- und Funktechnik GmbH**, nor our affiliates and staff be liable for any damages, including without limitation, direct, indirect, incidental, special, punitive, consequential, or other damages (including without limitation lost

☒ I accept above terms and conditions

< Back

Next >

[Continue without activating remote access >](#)



## NOTE

For Remote Access, you must accept the conditions of use.

28. Tap the checkbox next to "I accept above terms and conditions" to accept the conditions of use.

29. Tap **Next >** to complete installation.

29. The SOMweb is rebooted.

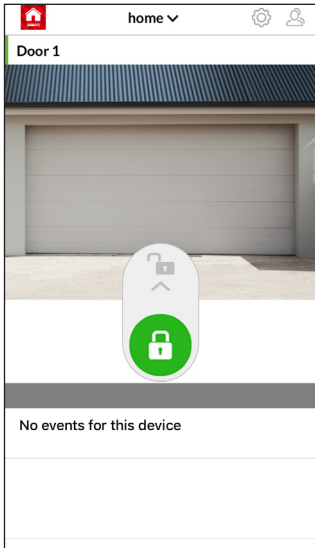


## ***NOTE***

Operation of the user interface is identical in iOS and Android.

The description starting on page 48 therefore applies to both operating systems.

# Operation



## ***NOTE***

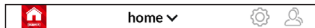
The SOMweb is now installed and ready for use.


- Push the slider upwards to open the door.



# Operation

## Main menu



1. Tap  to open the settings menu.



### NOTE

The user name (Login) can also be found in the e-mail which was sent to the specified e-mail address during installation.

Configuración

**SOMMER**

Login

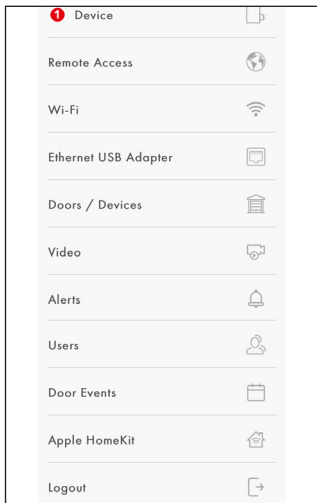
Password

☐ Remember Access

Sign in >

1. Enter login data.
2. Tap .

# Operation



- Tap the desired menu item to select it.

# Operation

## Device



## Options

- General technical information on the SOMweb, e.g. device name, firmware version, IP address.
- Performing updates

### 1 UPDATES

There is a new update available. (Firmware version 1.10)

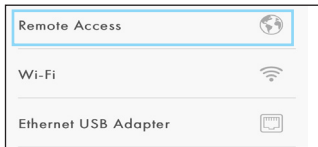
**Update**

[Advanced](#)

- ▶ Tap **Update** to start the update process.
- ▶ Tap [Advanced](#) to check whether an update is available.

# Operation

## Remote Access

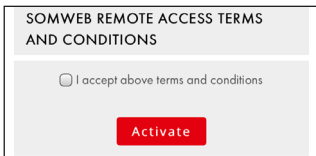


### Options

- Switch Remote Access on / off, see functional description on page 8

- Tap **Disable Access** to deactivate Remote Access.

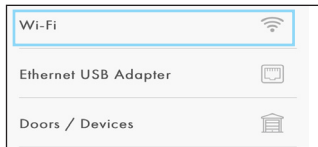
1. Tap **Enable Access** to activate Remote Access.



2. Tap the checkbox next to "I accept above terms and conditions" to accept the conditions of use.
3. Tap **Activate** to complete the process.

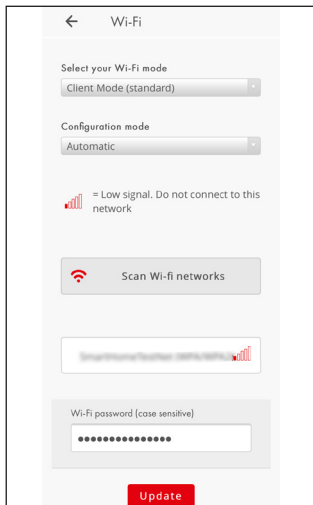
# Operation

## Wi-Fi



### Options

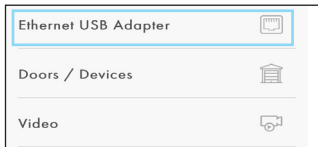
- Make changes to the Wi-Fi mode (Client Mode, Access Point Mode, Remote Access)
- Make changes to the Wi-Fi configuration
- Reconnect the SOMweb to Wi-Fi



- ▶ Tap **Update** to reconnect the SOMweb.

# Operation

## Ethernet USB adapter

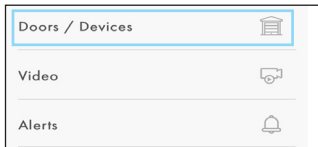


### *Options*

- The SOMweb can also be operated via LAN using an Ethernet USB adapter

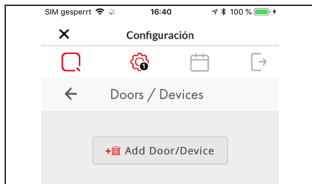
# Operation

## Doors / Device



### **Options**

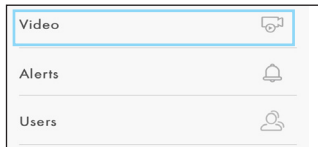
- Connect door operators and other actuators to the SOMweb
- Manage already connected actuators



1. Tap **+ Add Door/Device** to add further actuators.
2. Carry out the corresponding steps for each new actuator.
  - ⇒ page 17 (iOS)
  - ⇒ page 33 (Android)

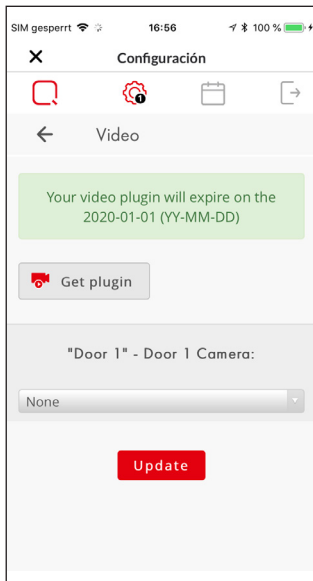
# Operation

## Video



## Options

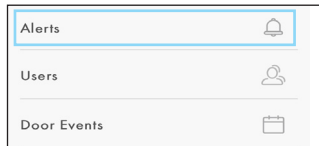
- Connect a web cam to view the door status





# Operation

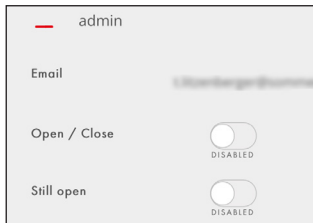
## Alerts



## Options

- Receive notification by e-mail or via app of changes in the door status

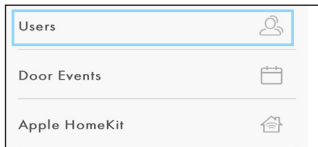
1. Tap **+** **admin** to access the options



2. Select the e-mail address for which the settings are to be made.
3. Select which door statuses / events are to trigger a message.

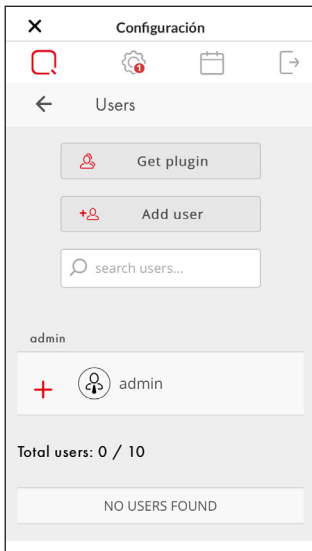
# Operation

## Users



## Options

- Add new users
- Manage users or Administrators




# Operation




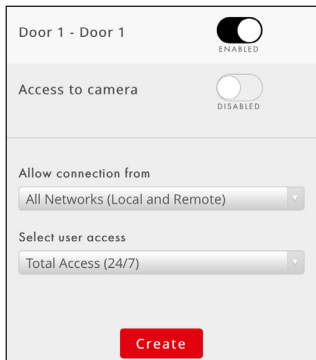
## Note

Up to 10 users can be added with the basic version.

In order to add more users, a corresponding plug-in can be purchased using the  button.

## Adding users

1. Tap .
2. Enter the form data for the user.



Door 1 - Door 1

☒ ENABLED

Access to camera ☐ DISABLED

Allow connection from

All Networks (Local and Remote)

Select user access

Total Access (24/7)

Create

3. Assign access rights and tap .



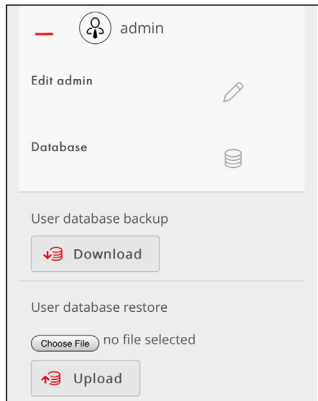
## Note

An e-mail containing the relevant data is automatically generated and sent to the user

# Operation

## Admin area

- ▶ Tap  admin.






- ▶ Manage Admin data via "Edit admin".



## Note

Via "Database", you can download a backup copy of the user database or upload an already created backup copy and transfer it to the SOMweb

- ▶ Tap  Download to create and download a backup copy.
- 1. Tap  to select the backup file.
- 2. Tap  Upload to upload the selected file.

# Operation

## Door events

Door Events

Apple HomeKit

Logout



### Options

- Receive detailed information on changes in the door status on specific days
- Delete calendar entries

X

Configuración

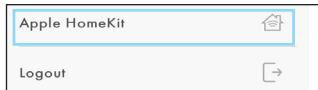
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

23 Apr 2018

Time	Event	Video	Save
13:33	"Door 1" door is closed		
13:33	Closing door "Door 1" (by admin)		

# Operation

## Apple HomeKit

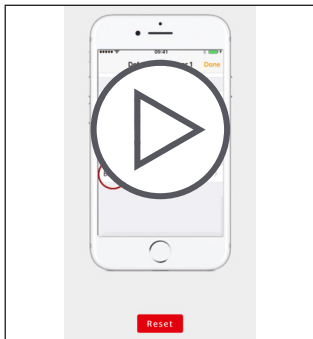


### Options

Remove all SOMweb devices connected to Apple HomeKit

### Note

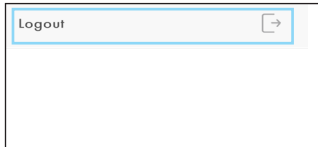
- Only relevant for users of the iOS version.
- A video on the display shows how to first remove the SOMweb devices in the iOS menu.



1. Carry out the steps shown in the video if the end device is available.
2. Tap **Reset** to remove all HomeKit devices from the SOMweb.

# Operation

## Logout

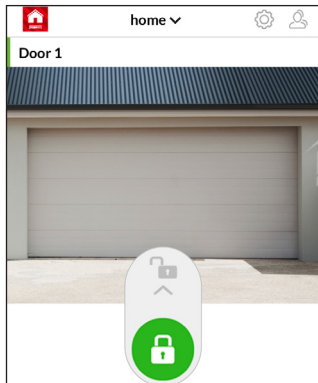
A rectangular button with a light gray background and a thin blue border. The word "Logout" is written in black text on the left, and a small square icon containing a right-pointing arrow is on the right.

### *Options*

- Log the SOMweb out from the app

# Operation

## Adding a further SOMweb



1. Tap **home** ▼\*

\*Name of the SOMweb

Install new SOMweb

Join existing SOMweb

1. Tap **Install new SOMweb**



2. Carry out the installation procedure for iOS or Android



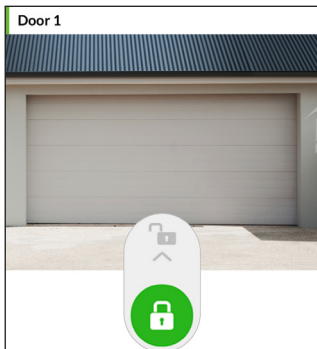
# Operation

## Adding an already installed SOMweb



### Note

In order to add a SOMweb which has already been installed, an Admin must first have created a user.  
(See page 59)



1. Tap \*

\*Name of the SOMweb

# Operation

Install new SOMweb

Join existing SOMweb


2. Tap 

UDI

Login

Password

Ok

3. Enter the UDI and the user's form data and tap 

CONNECTED



# Operation

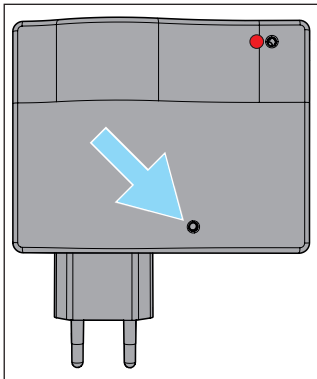
## Hardware reset

(Restoring the factory settings)



### *Note*

A hardware reset deletes all settings which have been made. The Admin and users will then no longer be able to locate the SOMweb. The SOMweb must be reinstalled and connected to the end devices.



- ▶ Press and hold the Reset button using a thin (but not sharp) object until the Status LED blinks red

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