



## Garage door systems and hinged doors

Project hinged doors and frames  
Industrial door systems  
Docking and logistics systems

*Intelligent Door Solutions*

**NEW**

Novoferm Wi-Fi module for networking with:

- ✓ Amazon Alexa and Google Home
- ✓ mediola® all-in-one solution

# A NEW GENERATION OF GARAGE DOORS

SMART TECHNOLOGY FOR SECTIONAL  
GARAGE DOORS FROM NOVOFERM

[www.novoferm.de](http://www.novoferm.de)

## A SMART HOME – MAKING LIFE MORE COMFORTABLE

A smart home offers a lot of benefits: networking and automating a wide variety of devices and functions (e.g. lighting and heating) noticeably increases comfort. So it's no wonder that this technology is becoming increasingly popular! At the same time, more and more areas of everyday life are becoming smart, especially since smart home applications are also becoming increasingly easy to integrate and operate.

Novoferm sectional garage doors have already been smart for some time, supported by the Homematic IP and Delta Dore systems. Now, with new technology to connect to Amazon Alexa, Google Home and mediola®, you have three more options to make it easier to integrate your garage door into your existing smart home system and enable the convenience of voice control.



WEATHER & ENVIRONMENT



LIGHT & SHADE

ROOM CLIMATE & VENTILATION



GARAGE DOORS & CONVENIENCE

ALARMS & SECURITY



## ALL SMART HOME SYSTEMS FOR NOVOFERM GARAGE DOORS

homematic IP

H

### HOMEMATIC IP

Homematic IP can be used to operate every area of a smart home if you want. Plug & play enables the system to be retrofitted and put into operation immediately. Homematic IP provides an app-based, practical and user-friendly solution whether you want to control an entire smart home system or just your sectional garage door.

Find out more about the options from Homematic IP at [www.homematic-ip.com](http://www.homematic-ip.com), or contact our smart home partner for advice.

DELTA  
DORE  
Smart is the new power

D

### DELTA DORE

You can operate heating, shutters, lights, alarm control units and of course Novoferm sectional garage doors using the TYDOM app from Delta Dore. Its varied functions make everyday life easier for users and are adaptable to individual needs.

Find out more about the options from Delta Dore Systems at [www.deltadore.de](http://www.deltadore.de), or contact our smart home partner for advice.

mediola®

M

NEW

### MEDIOLA®

mediola® offers a smart, customer-friendly all-in-one solution for networking a multitude of smart devices – regardless of manufacturer and wireless technology. The mediola® smart home system can be operated with one of the available mediola® apps. It is also possible to integrate the Amazon Alexa or Google Home systems.

Find out more about mediola® and all compatible brands at [www.mediola.com](http://www.mediola.com) or [www.mediola.com/works-with-mediola](http://www.mediola.com/works-with-mediola), or contact our smart home partner for advice.

alexa

Google Home

A

G

NEW

### AMAZON ALEXA AND GOOGLE HOME

Amazon Alexa and Google Home provide practical systems for the connection and smart control of compatible devices. They can be controlled manually using a smartphone app or, if you prefer, thanks to a smart speaker – what is known as a voice assistant – voice commands.

The Amazon Alexa app and the Google Home app are free to download from the Apple App Store or Google Play. You can buy the voice assistant online or at electrical retailers.





“Alexa, open my garage door.”

## THE NEW SYSTEMS FOR SMART GARAGE DOORS

**NEW**  
DOOR OPERATION  
POSSIBLE WITH  
AMAZON ALEXA AND  
GOOGLE HOME USING  
WI-FI MODULE

## EASILY INTEGRATE GARAGE DOORS INTO AMAZON OR GOOGLE SMART HOMES

### SPEEDY INTEGRATION WITH THE INNOVATIVE WI-FI MODULE FROM NOVOFERM

When you choose a Novoferm sectional garage door, with the new Novoferm Wi-Fi module, you can easily integrate the door control into the biggest smart home systems in the world: Amazon Alexa and Google Home. All you need for that is the Novoferm Wi-Fi module. You don't need either a separate smart home hub or a gateway. So smart operation doesn't depend on a local smart home system.

The Novoferm Wi-Fi module for smart garage door control can be easily retrofitted to all operators built in 2016 or later and is simply connected to the operator via a mini USB. No additional hardware is required.

Novoferm garage doors simply become part of the Amazon Alexa or Google Home world. Opening and closing Novoferm sectional garage doors or querying the door status via the Novoferm operator is so easy using the Amazon Alexa or Google app and their voice assistants (Amazon Alexa, Google Assistant, Google Nest Hub and so on).



**NEW**  
THE MEDIOLA  
ALL-IN-ONE SOLUTION  
IS COMPATIBLE WITH  
MANY BRANDS

## MEDIOLA® SMARTHOME - SYSTEM: ALL-IN-ONE SOLUTION

### MEDIOLA® TURNS SMART DEVICES INTO A SMART HOME – REGARDLESS OF THE MANUFACTURER, BRAND AND STANDARD

With the mediola® all-in-one solution, all your devices (heating thermostat and door/window contacts for instance) from different smart home manufacturers can be easily bundled in a smart home system, automated, and operated with a mediola® app. This creates a smart, customer-friendly all-in-one solution that networks the wireless technologies of various well-known manufacturers with widely used radio systems and standards (for instance, Homematic IP, Nuki, Velux, Gardena and Schüco) in a mediola® smart home hub and cloud services.

You can see all the brands that are compatible with mediola® at:  
[www.mediola.com/works-with-mediola](http://www.mediola.com/works-with-mediola)

This opens up countless options for creating tailored smart homes, regardless of the manufacturer of the smart home components. To integrate Novoferm sectional garage doors into the mediola® smart home system, all you need from Novoferm is the new Novoferm Wi-Fi module or the Novoferm Homematic IP module.

Prerequisites for the smart control of Novoferm sectional garage doors by app or voice control are a Novoferm operator (from model year 2016), the new Novoferm Wi-Fi module and an opto sensor, which detects obstacles and automatically interrupts the closing process.



## MAKING YOUR GARAGE DOORS SMART

A smart garage door not only simplifies opening and closing but also makes many other functions possible such as automatically querying the door status or controlling the operator light.

To enjoy these benefits, you need to have a Novoferm sectional garage door with an operator plus the respective app from one of our smart home partners. What other components you will need depends on which smart home system you choose: for Homematic IP and Delta Dore, you need the smart home hub of the respective system together with the Novoferm plug-on module for connecting the operator; for mediola®, you need the mediola® smart home hub and the Novoferm Wi-Fi module to connect the operator. For Amazon Alexa and Google Home, you just need the Novoferm Wi-Fi module.

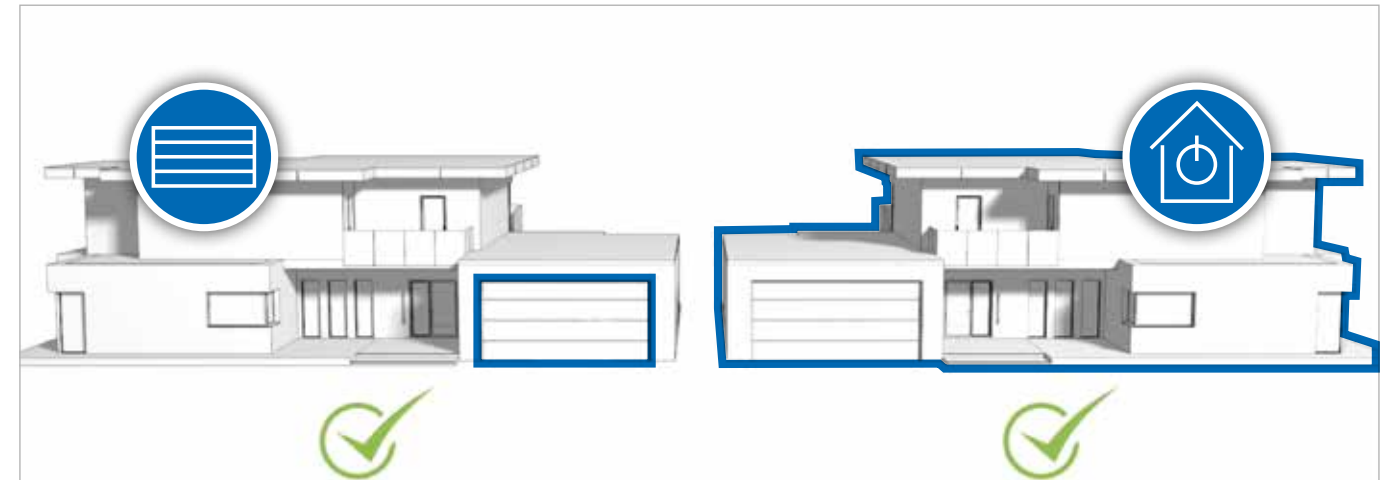
All the apps are free to download from the app store for Apple and Android devices. You can set up the solution quickly and intuitively on your smartphone after installing the app. If you already have a smart home system from one of our partners, you can of course also connect your sectional garage door there.

### HIGHLIGHTS

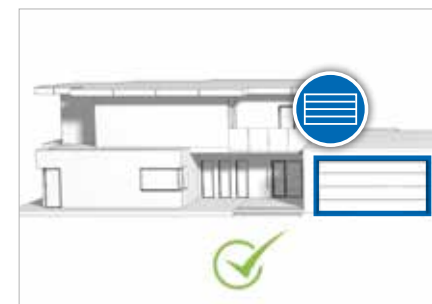
- ✓ Control your entire smart home with a single app
- ✓ Intuitive operation using the app with gesture control
- ✓ Voice control\*
- ✓ Door operation and status request via smartphone, tablet or voice assistant
- ✓ Control directly or with specific scenarios
- ✓ Control the operator light with or without opening/closing the doors
- ✓ Control the air vent setting for optimum garage ventilation\*
- ✓ Control multiple sectional garage doors from a single app
- ✓ Maximum flexibility with time- and location-independent operation

\*Hardware and functions depend on smart home system, components and release.

## SMART GARAGE DOOR AS SINGLE OR SYSTEM SOLUTION



SMART CONTROL OF GARAGE DOORS AS A STAND-ALONE APPLICATION  
OR AS PART OF YOUR SMART HOME

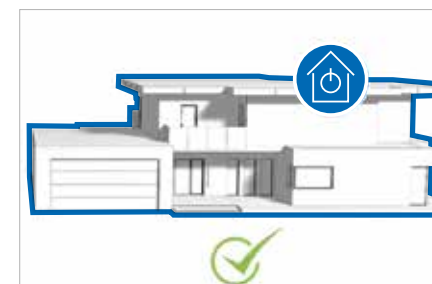


EASILY OPERATE SECTIONAL  
GARAGE DOORS

### WITHOUT A SMART HOME SYSTEM

An existing smart home system is not required to operate your sectional garage door via an app or voice control. Just install the Novoferm plug-in Wi-Fi module, a standard router and, where applicable, the smart home hub of the desired smart home system to control Novoferm sectional garage doors or operators via app or voice command. If you are considering making your house "smart", smart garage door operation can be the first step.

Possible with **H** **M** **D** **A** **G**



INTEGRATE SECTIONAL  
GARAGE DOORS INTO THE  
SYSTEM AS A NEW FUNCTION

### WITH AN EXISTING SMART HOME SYSTEM

Once you have experienced the benefits of a smart home system, you won't want to do without it. Progressively automating your home gives you added comfort and security in your daily life. The garage should be no exception. When you choose a Novoferm sectional garage door, you can simply integrate it into your existing system as a new function. Our technology is compatible with all common smart home systems, and all the functions can be controlled using a single app.

Possible with **H** **M** **D** **A** **G**



UNIVERSAL  
ALL-IN-ONE SOLUTION

### MULTIPLE MANUFACTURERS WITH MEDIOLA®

mediola® tidies up your smart home: if you don't yet have a complete smart home, but you already have some smart devices – or perhaps a smart garage door from Novoferm – with mediola®, you get a universally applicable all-in-one solution, with which smart devices can be networked, controlled and automated regardless of the manufacturer or wireless standard.

Possible with **H** **M**

mediola® connects devices from different manufacturers in a single system. You can find an overview of all compatible brands here: [www.mediola.com/works-with-mediola](http://www.mediola.com/works-with-mediola)



# NOVOFERM SMART GARAGE DOOR OPERATORS

To make your sectional garage door smart, you need an operator that is compatible with the smart technology of our smart home partners. Novoferm therefore offers a variety of operators: NovoPort®, Novomatic 423 and 563 S. All our operators feature contemporary design, high energy efficiency, low operating costs and reliable technology.



NOVOFERM  
PATENT

## NOVOPORT®

- Integrated LED lighting (1.6 watts)
- Low power consumption in standby mode (0.5 W)
- Easy to operate, with user-friendly menu
- Integrated push-button to open the sectional garage door
- Soft start and stop function
- Innovative and flexible side installation
- Operation possible using a smartphone, tablet, voice assistant or tamper-proof remote control
- Query door status (open/closed) using the Mini-Novotron 523 Protect remote control using an RF transceiver, smartphone or voice assistant



## NOVOMATIC 423

- Integrated LED lighting (1.6 watts)
- Low power consumption in standby mode (0.5 W)
- Easy to operate, with user-friendly menu
- Soft start and stop function
- For ceiling installation
- Operation possible using a smartphone, tablet, voice assistant or tamper-proof remote control



## NOVOMATIC 563 S

- Integrated LED lighting (1.6 watts)
- Low power consumption in standby mode (0.5 W)
- Integrated quick-action function (increases garage door opening speed by up to 50 %)
- Easy to operate, with user-friendly menu
- Soft start and stop function (ramp)
- For ceiling installation
- Operation possible using a smartphone, tablet, voice assistant or tamper-proof remote control

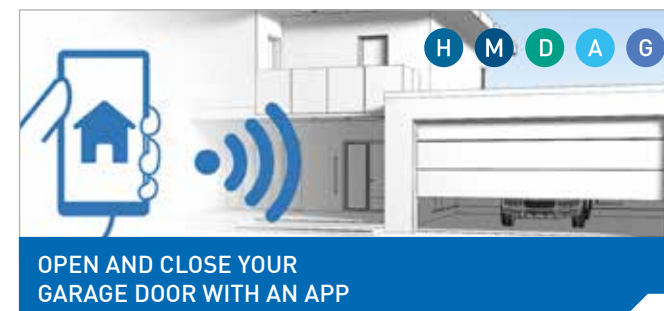
Novoferm sectional garage doors can be operated via an app with the purchase of the garage door operators mentioned here and with their predecessor models (from model year 2016).

# SMART DOOR OPERATING FUNCTIONS

App-based or voice-based operation simplifies the use of sectional garage doors in many ways. In addition to opening and closing the door via an app, being able to query the door status, control the operator light and automatically move the door into the ventilation setting or close it again also significantly improves ease of use.

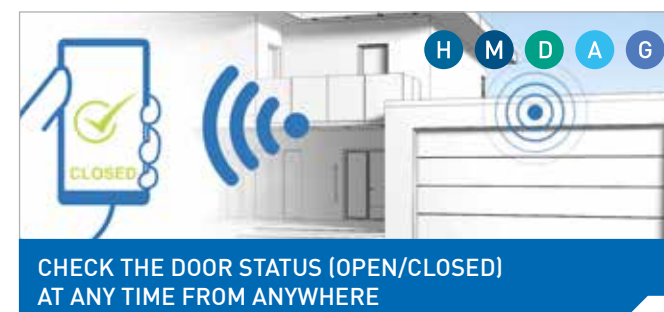
VOICE  
CONTROL

OPERATE YOUR  
SECTIONAL GARAGE  
DOOR USING VOICE  
COMMANDS TOO!\*



## OPENING AND CLOSING YOUR GARAGE DOOR

Sectional garage doors have never been this easy to use. You can simply close your garage door with a voice command or by touching a screen from wherever you are – whether at work or even on holiday. Perhaps you have two Novoferm garage doors? Even better! The apps enable two separate doors to be operated individually.



## DOOR STATUS QUERY

Sectional garage doors can be reliably and transparently operated using a smartphone, tablet or voice assistant. Users can also check the door status, i.e. whether open or closed, at any time and regardless of location.



## LED OPERATOR LIGHT

Activate the operator light with or without opening/closing the doors using an app. All Novoferm garage door operators are equipped with highly efficient LED lighting. The lights are 13 times brighter than conventional alternatives, consume less electricity and have long service lives.



## THE VENTILATION SETTING IMPROVES AIR CIRCULATION IN THE GARAGE

Exhaust fumes and humidity affect the air quality in your garage. Regular ventilation can help with this, ensuring sufficient air circulation and preventing mould formation. It's easy to move the door into the ventilation setting by app or voice command, in other words opening it by 10 cm to enable airing.

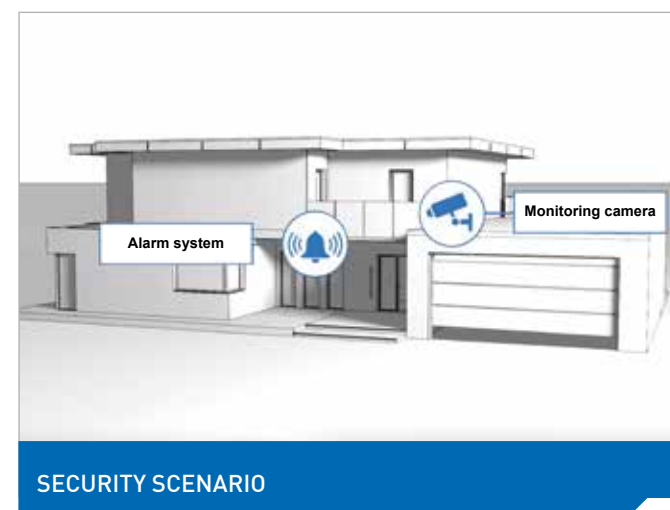
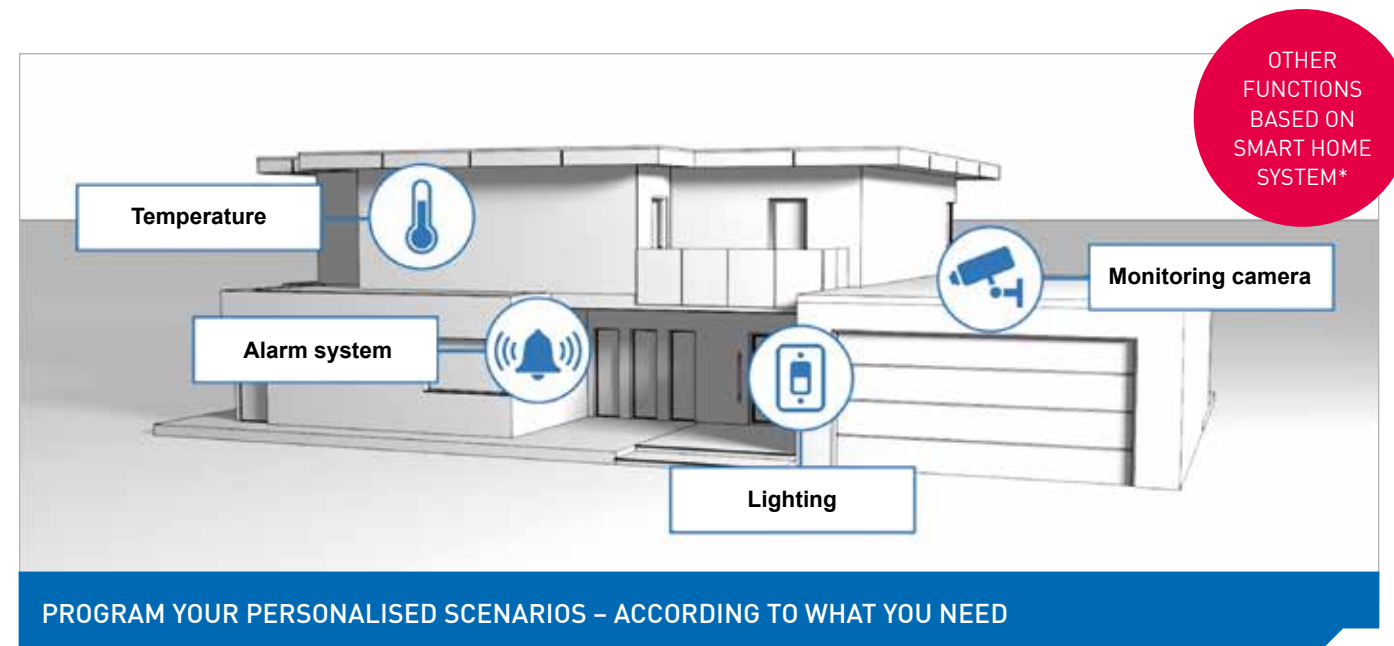


## VOICE CONTROL WITH AMAZON ALEXA AND GOOGLE HOME

With the Amazon Alexa and Google Home systems, you can now operate your Novoferm sectional garage door even more easily with voice control. Even if you already have a smart home system from another provider, you can integrate Alexa or Google.


## CREATE YOUR OWN SCENARIOS

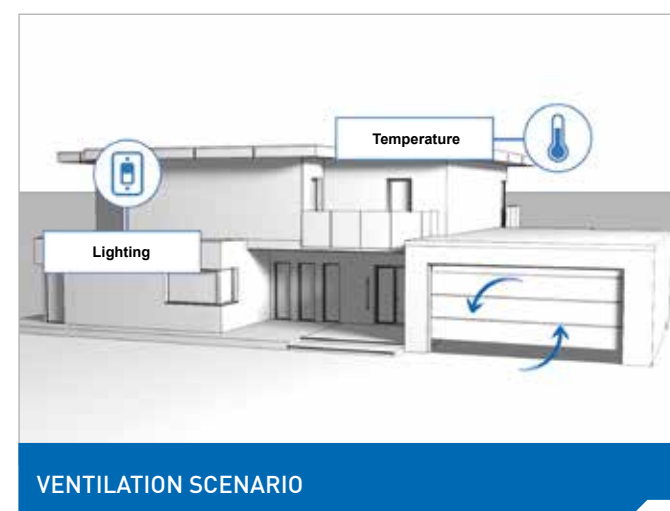
One of the great advantages of smart technology is that you can tailor your environment and devices to your exact needs. And garage doors are no exception. Use personalised scenarios to adapt your garage door to your daily life. For example, security scenarios can be set up to protect both your car and the entrances to your home.



### FEEL COMPLETELY SAFE AND SECURE


A smart sectional garage door not only contributes to your comfort but also to your security. You can integrate a garage door into your smart security and surveillance technology depending on the components you use. For example, to deter burglars you can program the outdoor lights to come on and a security camera to record an image whenever the garage door is opened after 8 pm.

 You can find detailed examples of scenarios at [www.youtube.com/NovofermVideos](https://www.youtube.com/NovofermVideos)



### OPTIMAL VENTILATION

Would you like your garage door to open automatically when the garage becomes too humid? Then program an appropriate ventilation scenario. Specify that the garage door will automatically move to the ventilation position when the sensors detect humidity. The door will re-close after 60 minutes if not manually closed earlier. So it is impossible for it to remain open accidentally!

 You can find detailed examples of scenarios at [www.youtube.com/NovofermVideos](https://www.youtube.com/NovofermVideos)

## THE NECESSARY SMART HOME COMPONENTS

The following components are required for controlling garage doors via app and/or voice:



### NOVOFERM GARAGE DOOR OPERATOR

The Novoferm operator is installed in the garage and connected to the relevant Novoferm module.

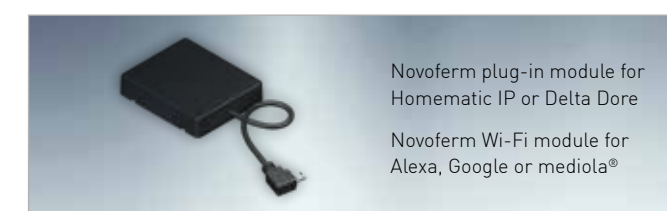
**Available from:** Novoferm specialist dealers / sales partners



### OPTO SENSOR FOR GARAGE DOORS

When doors are operated via app or voice, or when the doors are not in sight of the user, an opto sensor is required to detect obstacles and automatically interrupt the closing process.

**Available from:** Novoferm specialist dealers / sales partners



### NOVOFERM MODULES

The Novoferm modules are connected to the garage door operator via a mini-USB interface and establish the connection to your smart home system.

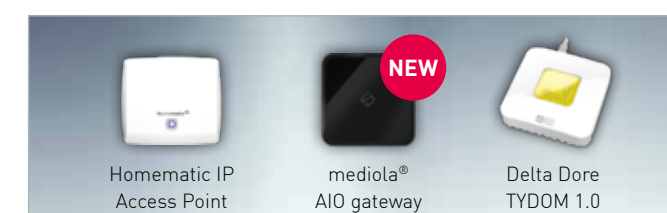
**Available from:** Novoferm specialist dealers / sales partners



### STANDARD ROUTER

The standard router is connected inside the house. If you already have a router connected to the internet, you can use this.

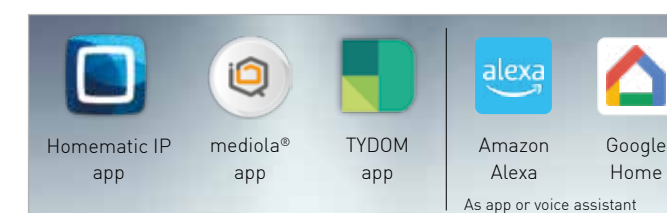
**Available from:** electronics retailers, for example



### SMART HOME HUB

For data exchange. mediola® requires the AIO gateway to control devices from multiple manufacturers. Alexa and Google Home do not require a smart home hub.

**Available from:** Novoferm specialist dealers, electronics retailers



### APPS AND VOICE ASSISTANTS

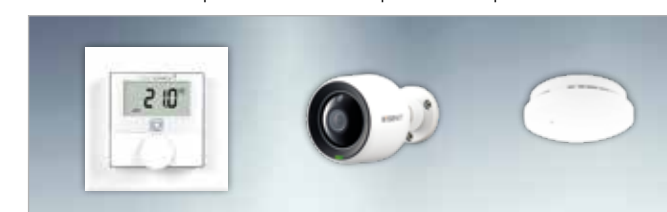
Use apps or voice assistants to configure your smart home system and operate the sectional garage door.

**Available from (apps):** Apple App Store or Google Play, free of charge

**Available from (voice assistants):** Electronics or online retailers

### COMPONENTS FOR PERSONALISED SCENARIOS

Additional components are required for personalised scenarios.



Shutters, thermostats, cameras and lights can be automated with additional components, the availability of which depends on the respective smart home system.

**Available from:** electronics retailers, for example



# INSTALLATION AND CONFIGURATION

It is relatively easy to install the technology to operate your sectional garage door via app/voice command or to integrate it into a smart home system compatible with our products. The steps below are basically the same for all systems. Any special features are explained in the specifications supplied.



PREPARING THE INSTALLATION: WHAT YOU NEED FOR SMART DOOR OPERATION

## NECESSARY COMPONENTS

Sectional garage door, operator, standard router with internet connection, smart home app and, where applicable, the partner's voice assistant. Depending on the smart home system, you may also need the following components:

### Homematic IP and Delta Dore:

Novoferm's plug-in module, smart home hub (gateway) Homematic IP/ Delta Dore


### mediola®:

Novoferm's Wi-Fi module, smart home hub from mediola® or Homematic IP module

### Amazon Alexa and Google Home:

Novoferm's Wi-Fi module

The smart garage door components can be installed once the sectional garage door and operator have been installed by a qualified Novoferm sales partner.



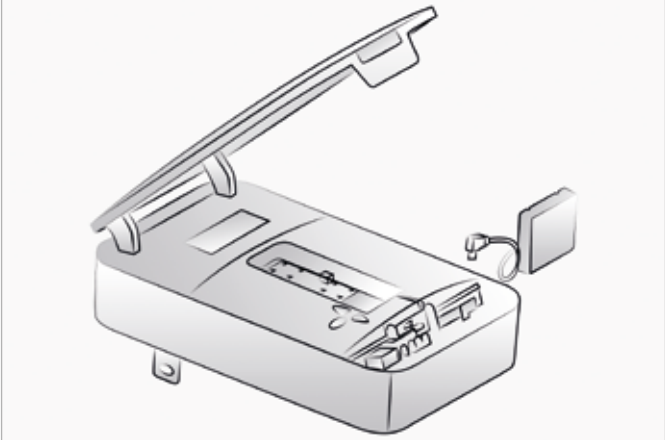
ONLY FOR HOMEMATIC IP, DELTA DORE AND MEDIOLA®

## SYSTEMS WITH SMART HOME HUB: INTEGRATING THE SMART HOME HUB

In the house: the smart home hub controls communication between the individual smart home components. To do this, it must first be connected to the mains supply and to the router via a LAN cable. An internet connection is necessary so that the hub can also be operated remotely.

Please observe the specific instructions of the relevant manufacturer. The hub must first be configured in the smart home partners' apps according to the instructions before the Novoferm sectional garage door can be operated.

- M Multi-device hub
- H D Smart home hub
- A G No hub needed



INTEGRATING THE OPERATOR INTO A SMART HOME SYSTEM


## CONNECTING THE OPERATOR

In the garage: to integrate the operator into the system, connect the plug-in or Wi-Fi module to the mini-USB interface in the operator. You will find the connection point when you open the cover cap on the operator.

After being plugged in, the module automatically enters "teach mode" for a limited time. After this, the module must be removed and plugged in again.

Note: for Homematic IP, Delta Dore and mediola®, this is step 2; for Amazon and Google, the installation begins with the connection of the operator.

- H D Plug-in module
- M A G Wi-Fi module



COMPLETE CONFIGURATION WITH AND WITHOUT A SMART HOME HUB

## SETTING UP THE APP

Start the Homematic IP, Delta Dore or mediola® app, assign the plug-in or Wi-Fi module to the smart home hub and activate the "teach in devices" option. The module is now displayed as a new device. With the multi-device smart home system from mediola®, you also have the option of integrating other compatible devices regardless of manufacturer.

Alexa and Google: connect the Wi-Fi module with your own WLAN, create a Novoferm account, add the Wi-Fi module and link it to the respective system. Once the operator has been taught in, it is assigned to various categories/rooms (outdoors, garage, etc.). This is necessary for operation and automation (lighting, alarm scenes, etc.).

Possible with H M D A G

## CONFIGURATION WITH WI-FI MODULE

For the onboarding process with the Wi-Fi module, we provide two detailed, illustrated manuals that show you step by step how to set up your Amazon Alexa, Google Home or mediola® smart home system on your smartphone or tablet.

























Go here for the manuals: [www.novoferm.com/wifi-module](http://www.novoferm.com/wifi-module)

OVERVIEW OF SYSTEMS AND COMPONENTS

































Depending on which smart home system you choose, you will need different apps and components from Novoferm or other manufacturers. The tables below show you at a glance which apps and which hardware belong with which system.

SYSTEMS WITHOUT SMART HOME HUB: APPS AND COMPONENTS

Smart home systems (apps with voice assistant)	Smart home system from Amazon	Smart home system from Google
	<div><div>A</div><div></div></div>	<div><div>G</div><div></div></div>
Multiple manufacturers	•	•
SMART DOOR OPERATING FUNCTIONS	<div><div></div>Opening/closing the door via app or voice control</div>	<div><div></div>Opening/closing the door via app or voice control</div>
	<div><div></div>Door status query/display</div>	<div><div></div>Door status query/display</div>
	<div><div></div>Voice control</div>	<div><div></div>Voice control</div>
Necessary components		
Operators	<div><div></div><div></div><div></div><div>Novoport® operator system, Novomatic 423 and Novomatic 563 S</div></div>	<div><div></div><div></div><div></div><div>Novoport® operator system, Novomatic 423 and Novomatic 563 S</div></div>
Opto sensor required	•	•
Novoferm modules	<div><div></div><div>Wi-Fi module</div></div>	<div><div></div><div>Wi-Fi module</div></div>
Standard router	<div><div></div><div>Sample image</div></div>	<div><div></div><div>Sample image</div></div>
Smart home hub	-	-
Apps	<div><div></div><div>Amazon Alexa</div></div>	<div><div></div><div>Google Home</div></div>
Voice assistants	<div><div></div><div>Sample image</div></div>	<div><div></div><div>Sample image</div></div>
ADDITIONAL COMPONENTS FOR PERSONALISED SCENARIOS		
	Shutters, thermostats, cameras and lighting can be automated with additional components, the availability of which depends on the respective smart home system.	



SYSTEMS WITH SMART HOME HUB: APPS AND COMPONENTS

Smart home systems	Homematic IP	TYDOM	mediola®
	<div><div>H</div><div></div></div>	<div><div>D</div><div></div></div>	<div><div>M</div><div>All-in-one solution</div></div>
Multiple manufacturers	-	-	•
SMART DOOR OPERATING FUNCTIONS	<div><div></div>Opening/closing the door via app</div>	<div><div></div>Opening/closing the door via app</div>	<div><div></div>Opening/closing the door via app</div>
	<div><div></div>Door status query</div>	<div><div></div>Door status query</div>	<div><div></div>Door status query/display</div>
	<div><div></div>LED operator light</div>	<div><div></div>LED operator light</div>	
	<div><div></div>Ventilation setting</div>		
Necessary components			
Operators	<div><div></div><div></div><div></div><div>Novoport® operator system, Novomatic 423 and Novomatic 563 S</div></div>	<div><div></div><div></div><div></div><div>Novoport® operator system, Novomatic 423 and Novomatic 563 S</div></div>	<div><div></div><div></div><div></div><div>Novoport® operator system, Novomatic 423 and Novomatic 563 S</div></div>
Opto sensor required	•	•	•
Novoferm modules	<div><div></div><div>Homematic IP module</div></div>	<div><div></div><div>Delta Dore module</div></div>	<div><div></div><div>Wi-Fi module</div></div>
Standard router	<div><div></div><div>Sample image</div></div>	<div><div></div><div>Sample image</div></div>	<div><div></div><div>Sample image</div></div>
Smart home hub	<div><div></div><div>Homematic IP access point</div></div>	<div><div></div><div>Delta Dore TYDOM 1.0</div></div>	<div><div></div><div>mediola® AIO gateway</div></div>
Apps	<div><div></div><div>Homematic IP</div></div>	<div><div></div><div>TYDOM</div></div>	<div><div></div><div>mediola® IQONTROL NEO</div></div>
ADDITIONAL COMPONENTS FOR PERSONALISED SCENARIOS			
	Shutters, thermostats, cameras and lighting can be automated with additional components, the availability of which depends on the respective smart home system.		





*Intelligent Door Solutions*

**Online for you wherever you are:**



[www.novoferm.de](http://www.novoferm.de)



[www.youtube.com/NovofermVideos](http://www.youtube.com/NovofermVideos)



[www.linkedin.com/company/novoferm](http://www.linkedin.com/company/novoferm)



[www.instagram.com/novoferm\\_de](http://www.instagram.com/novoferm_de)



[www.facebook.com/novofermDE](http://www.facebook.com/novofermDE)

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