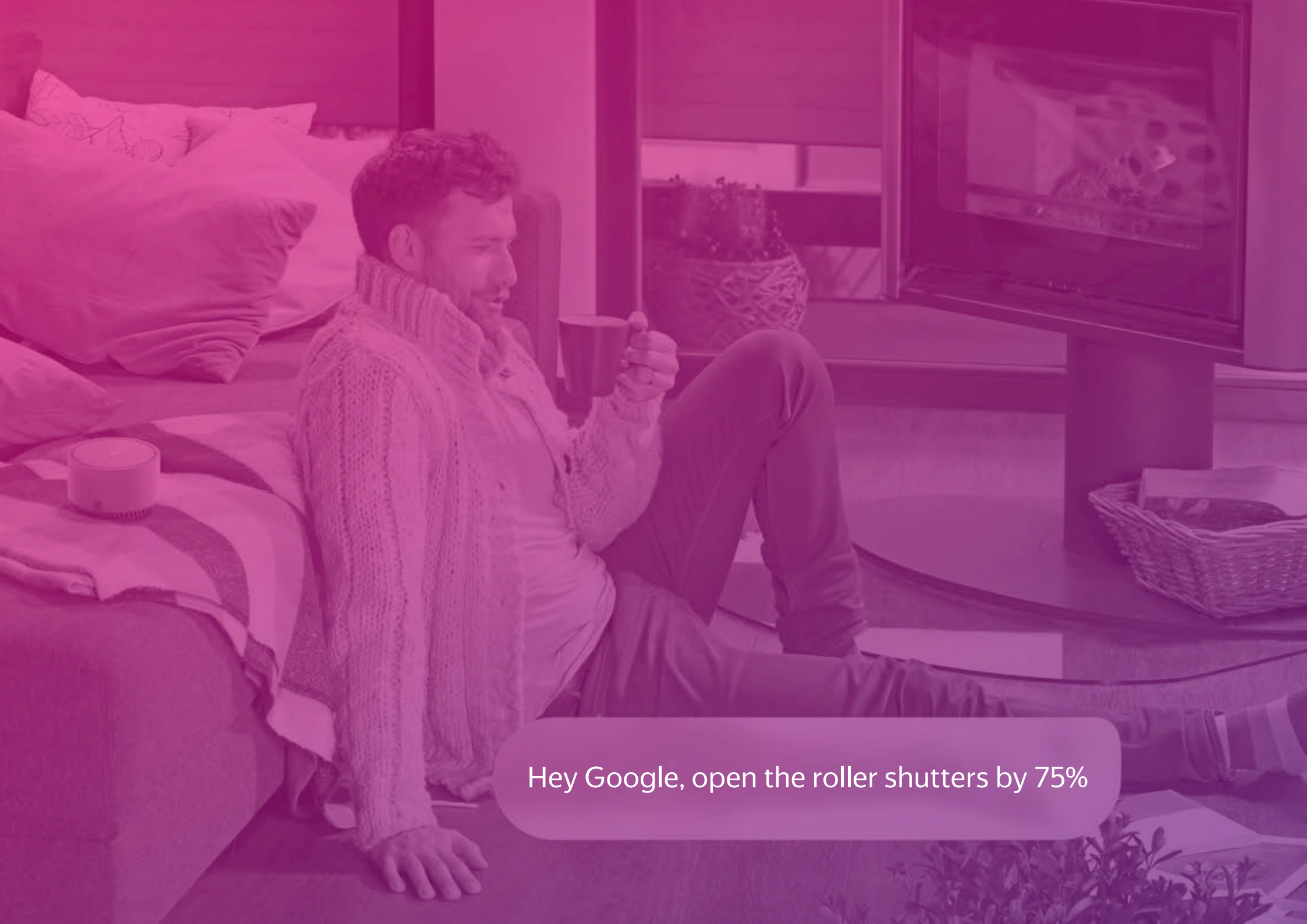




ALUTECH
S M A R T

A NEW LEVEL OF COMFORT



Hey Google, open the roller shutters by 75%



SMART CONTROL OF ROLLER SHUTTERS

ALUTECH Smart is a modern smart control system for roller shutters, garage doors and gates, and other compatible devices, allowing control via a smartphone, remote control, or through voice commands with the Google voice assistant.

LESS HASSLE, MORE POSSIBILITIES

The new solution from ALUTECH is designed to simplify and automate daily routine activities, make your life more comfortable, relieve you from unnecessary hassle and save time.



VARIETY OF CONTROL OPTIONS

Control your roller shutters and other devices using a smartphone, Google voice assistant, remote control or a switch.



FLEXIBLE SCENARIOS

Create and customize individual operating scenarios based on the time of day, day of the week, your location, weather and other conditions.



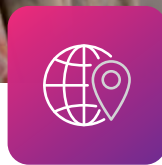
FEEDBACK

Use ALUTECH Smart to monitor the status of devices, the exact position of the roller shutter curtain, the number of completed cycles, energy consumption data, and more.



SHARING ACCESS RIGHTS

Allow all or selected family members, friends, guests and household staff to control roller shutters, garage door, and other devices.



CONTROL FROM ANYWHERE IN THE WORLD

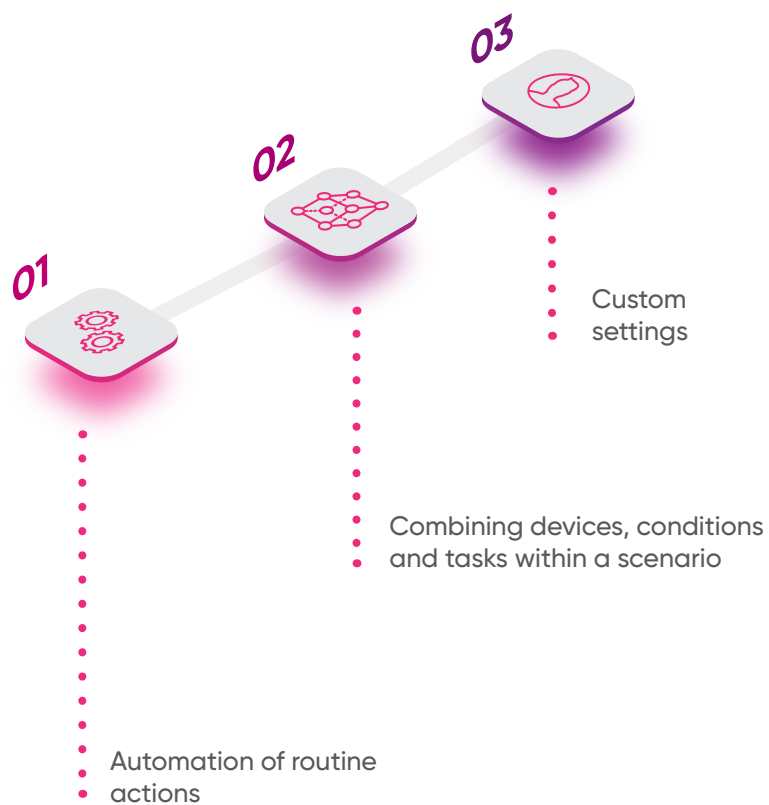
Monitor the status of devices in real time from anywhere in the world. All software and device functionality updates will occur automatically.



SYSTEM SCALABILITY

Connect not only roller shutters but also other compatible third-party devices to ALUTECH Smart, such as smart sensors, light bulbs, sockets, and more.

ALUTECH SMART CONTROL FEATURES



MOBILE APP

With the ALUTECH Smart application, you can control and monitor the position of your roller shutters in real time from wherever you are.

Using the application, you can simultaneously open or close roller shutters throughout the entire house or just in specific rooms. Additionally, you can control your garage door, lighting, and other compatible devices.



Hey Google, close the roller shutters



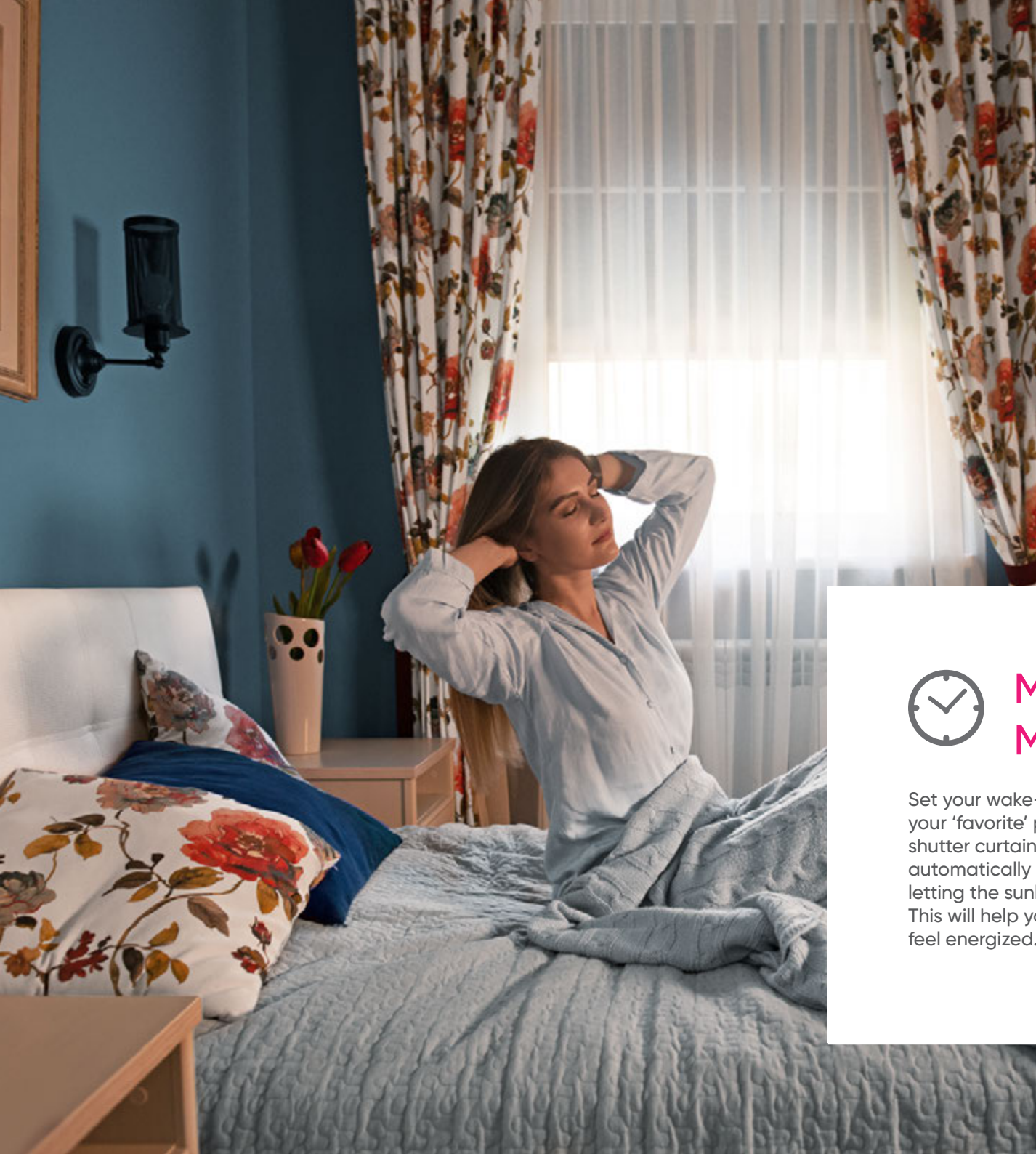
VOICE ASSISTANT

You can control roller shutters and other smart devices using the Google voice assistant.



SCENARIO-BASED CONTROL

ALUTECH Smart offers extensive opportunities for creating and configuring smart scenarios based on factors such as the day of the week, weather, geolocation, and other conditions.



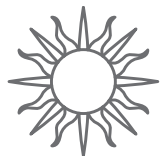
CHOOSE YOUR ALUTECH SMART SCENARIO



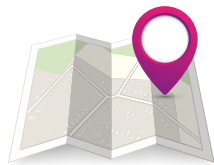
MY MORNING

Set your wake-up time and configure your 'favorite' position of the roller shutter curtain. The roller shutters will automatically open at the set time, letting the sunlight into the bedroom. This will help you wake up faster and feel energized.





SUNNY DAY

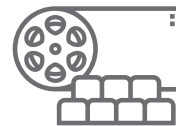


The system will automatically adjust the position of the roller shutters based on weather data and your preferences, just enter the location of your house into the app. This will protect the rooms from overheating and your furniture from fading, while also reducing energy consumption for room conditioning.





CHOOSE YOUR ALUTECH SMART SCENARIO



HOME THEATRE

Closing the roller shutters, turning on soft lighting or creating complete darkness will allow you to fully enjoy watching your favorite movies or TV shows. And additional noise insulation, absence of glare and reflections on the TV or computer screen will provide an immersive viewing experience.





SLEEP COMFORT

At the set time, the roller shutters will smoothly and quietly close, acting as a barrier against external disturbances such as unwanted noise, streetlights, or moonlight.





CHOOSE YOUR ALUTECH SMART SCENARIO



VACATION

When you are off for a long holiday, make it seem like you are at home by scheduling the opening and closing of the roller shutters. This will scare off potential intruders, ensuring the safety of your property.





I'M HOME / I'M LEAVING



The roller shutters will open when you press the remote control button or give a voice command, or when you approach your home thanks to the geolocation of your phone. When you leave the house, the system will give a command to close the roller shutters, turn off the lights and turn off electrical appliances.





CHOOSE YOUR ALUTECH SMART SCENARIO



HURRICANE PROTECTION

The roller shutters will close automatically if the wind gets stronger or a thunderstorm begins, thus protecting windows and doors from damage.





ENERGY EFFICIENCY AND WARMTH

Keep the warmth in and optimize energy consumption in automatic mode.

Set the desired ambient temperature and the timing of your scenario, and the roller shutters will close automatically when the specified conditions are met.



HOW ALUTECH SMART WORKS

The ALUTECH Smart system is built on the Tuya open platform and utilizes the modern Zigbee network protocol.

The exchange of information between a smartphone and Zigbee smart devices is facilitated through the ALUTECH wireless hub. It is the hub that creates the Zigbee network, adds compatible devices to it and coordinates their collective operation. The ALUTECH hub connects to the internet via Wi-Fi, and even in the event of internet connection loss or disruption, it continues to support the system's functionality and ensures the execution of local scenarios.

ALUTECH Smart allows you to go beyond the range of ALUTECH devices. Smart bulbs, sockets, cameras, sensors, and other compatible solutions can be connected to the system and controlled through a single application*.

* The ALUTECH Smart system supports the connection of third-party smart devices (Zigbee or Wi-Fi) running on the Tuya platform.



Third party **Wi-Fi** devices



Third party **Zigbee** devices



Zigbee module



ALUTECH smart drive



Wi Fi

zigbee

zigbee

Wi Fi

zigbee

ALUTECH hub



Router



ALUTECH
scene switch



ALUTECH
Radio remote control

DEVICES OF THE ALUTECH SMART SYSTEM



**SMART DRIVE
AM/R-SM**

Electric drive with the ability to connect a smart module, with built-in radio receiver, encoder, electronic limit switch system, and the capability to set an intermediate position of the roller shutter curtain.



Feedback



220/230 V
6-30 Nm



**ZIGBEE MODULE
ZB-SM**

It allows you to add an ALUTECH smart drive to the Zigbee network and control it via the Internet using the ALUTECH Smart mobile app, voice assistants, smart remotes, and other interfaces.

The module works in a Mesh network and is able to receive and relay signals to other devices, which significantly expands the network coverage area.



**SCENE SWITCH
AT4-SM**

It operates on the Zigbee protocol and offers extensive capabilities for controlling roller shutters and other smart devices connected to the ALUTECH Smart system.

Its key feature is the ability to launch user-created individual scenarios. With three different types of button presses, the scenario switch allows recording and activating up to 12 individual scenarios.

3

press types

12

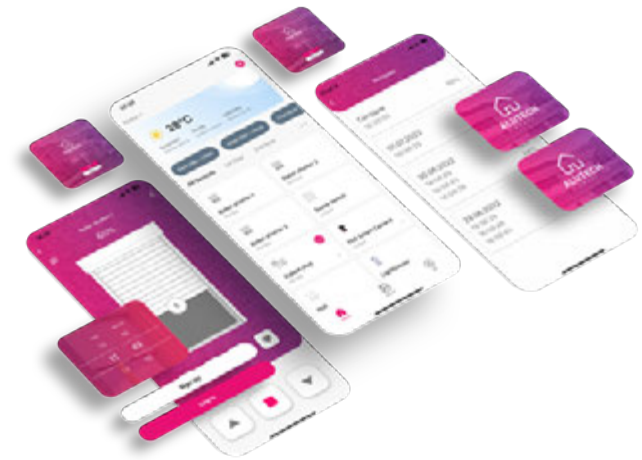
scenarios



WIRELESS HUB HW-SM

It is the central hub device of the ALUTECH Smart system.

The hub creates a Zigbee network, allows you to add smart roller shutters and other compatible devices to it, and facilitates their coordinated operation.



ALUTECH SMART MOBILE APP

To configure and manage the system, use the official ALUTECH Smart mobile application. It allows you to control not only roller shutters but also other devices and smart appliances connected to the system, such as lighting, sockets, cameras, and more.



5

REASONS TO CHOOSE ALUTECH SMART FOR HOME AUTOMATION



1

COMFORT

By creating specific scenarios, you can customize the system to suit your needs and lifestyle, and thereby save yourself from daily routine tasks. Voice control ensures maximum convenience when operating the roller shutters, providing the comfort of hands-free experience.

2

SAFETY

Setting up a scenario for opening and closing the roller shutters will create the illusion of your presence in the house, which will scare off potential intruders. Additionally, thanks to the Zigbee specification, all transmitted data is securely protected with encryption, ensuring secure communication.



3

FULL CONTROL OF YOUR HOME

The mobile application allows you to monitor the status of devices in real time from anywhere in the world. It provides notifications for sensor activations, system updates, addition of new devices, and more. Additionally, users have access to a comprehensive history of roller shutter operation, including the number of openings performed and the level of energy consumption.

4

EASY INSTALLATION AND SYSTEM SETUP

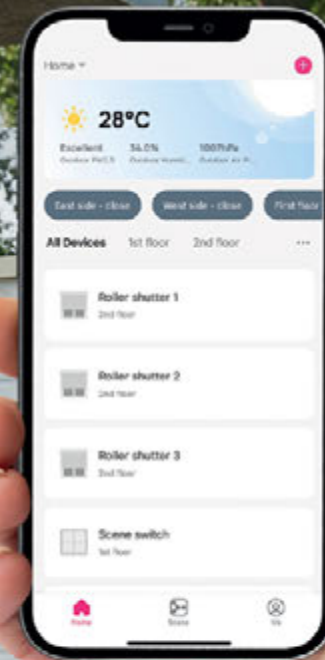
Thanks to wireless interfaces, there is no need for additional wall chiseling, which could spoil the appearance of the room. This allows ALUTECH Smart to be used not only for new roller shutters but also for upgrading existing ones. Additionally, software and device functionality updates occur automatically, requiring no additional effort from the user.

5

COMPATIBILITY WITH OTHER SMART DEVICES

Unlike traditional solutions that use radio or Wi-Fi, the ALUTECH Smart system is built on the Tuya open platform and utilizes the modern Zigbee network protocol. This ensures the widest possible functionality, stability and reliability of the system, and provides virtually limitless possibilities for scaling and expanding your home automation capabilities.

ALUTECH approaches the issue of providing comfort in a comprehensive manner and offers a full range of solutions for your convenience and safety.



ROLLER SHUTTERS

Roller shutter systems for window and door openings.

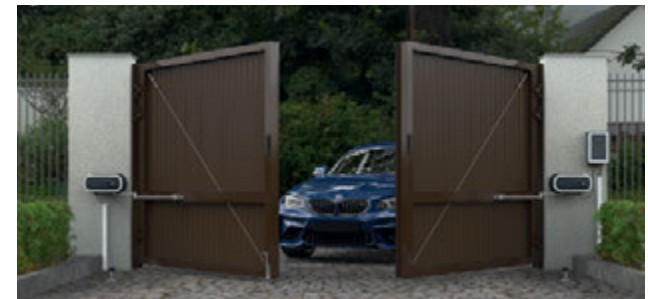


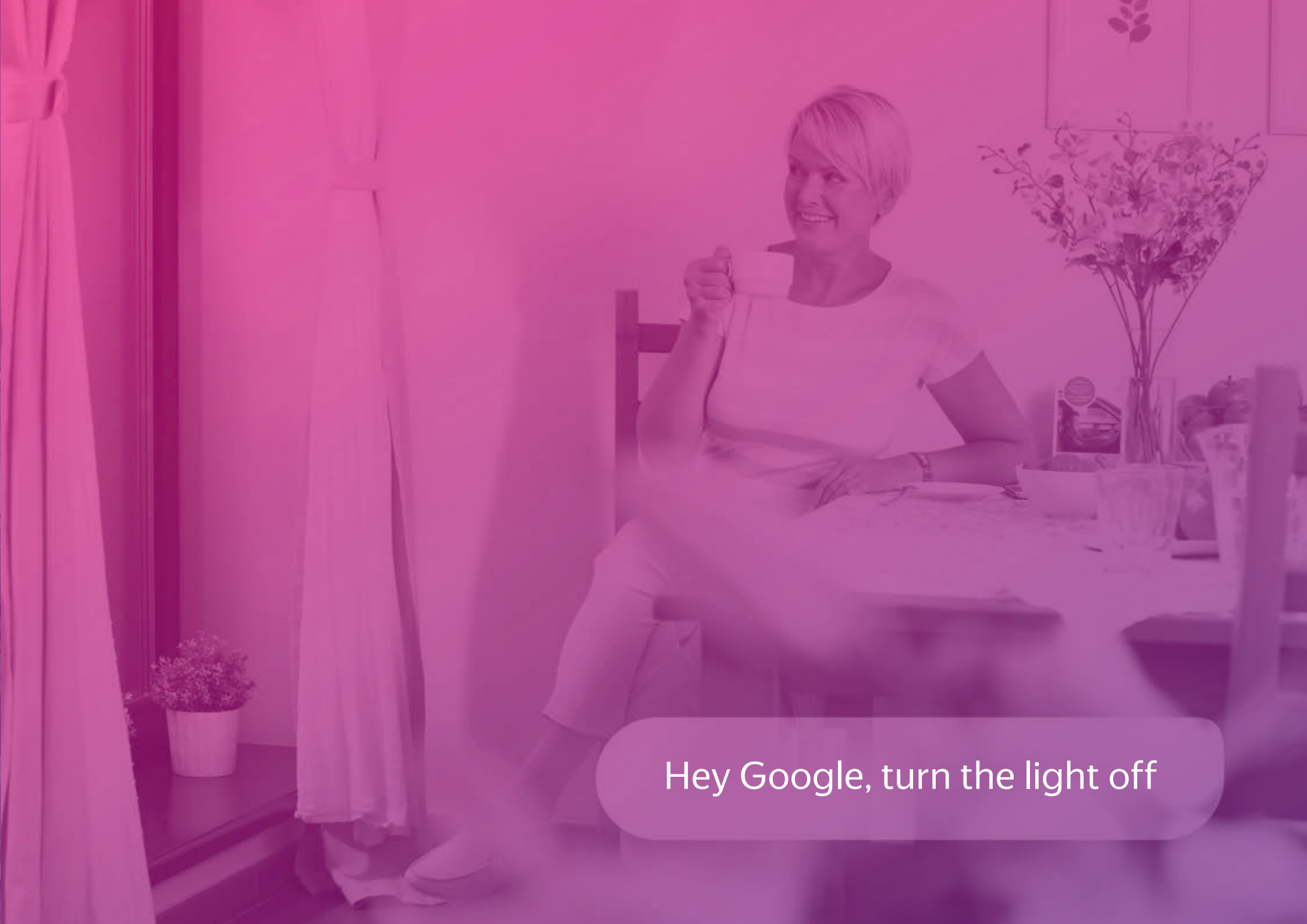
SECTIONAL GARAGE DOORS



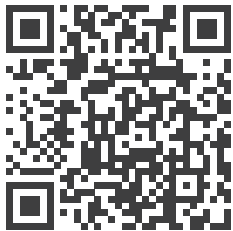
ENTRANCE GATES

Sliding and hinged gates, wickets, and fence sections.





Hey Google, turn the light off



For more info
please visit

smart.alutech-group.com

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