/ PRODUCT CATALOGUE · 2026 EDITION

Home Center & Room Controller

One panel for the whole house, one for every room. See each feature at work, page by page.

- Lights
- Climate
- Music
- Door
- Alarm
- Phone



FEATURE CATALOGUE · SMARTAPEX.ES

Two screens. One house.

The Home Center is the 10-inch panel on the wall of the living area: it runs the whole house and puts the same interface on every phone. The Room Controller sits in each room and runs that room. Each page shows one feature and an example of it at work.

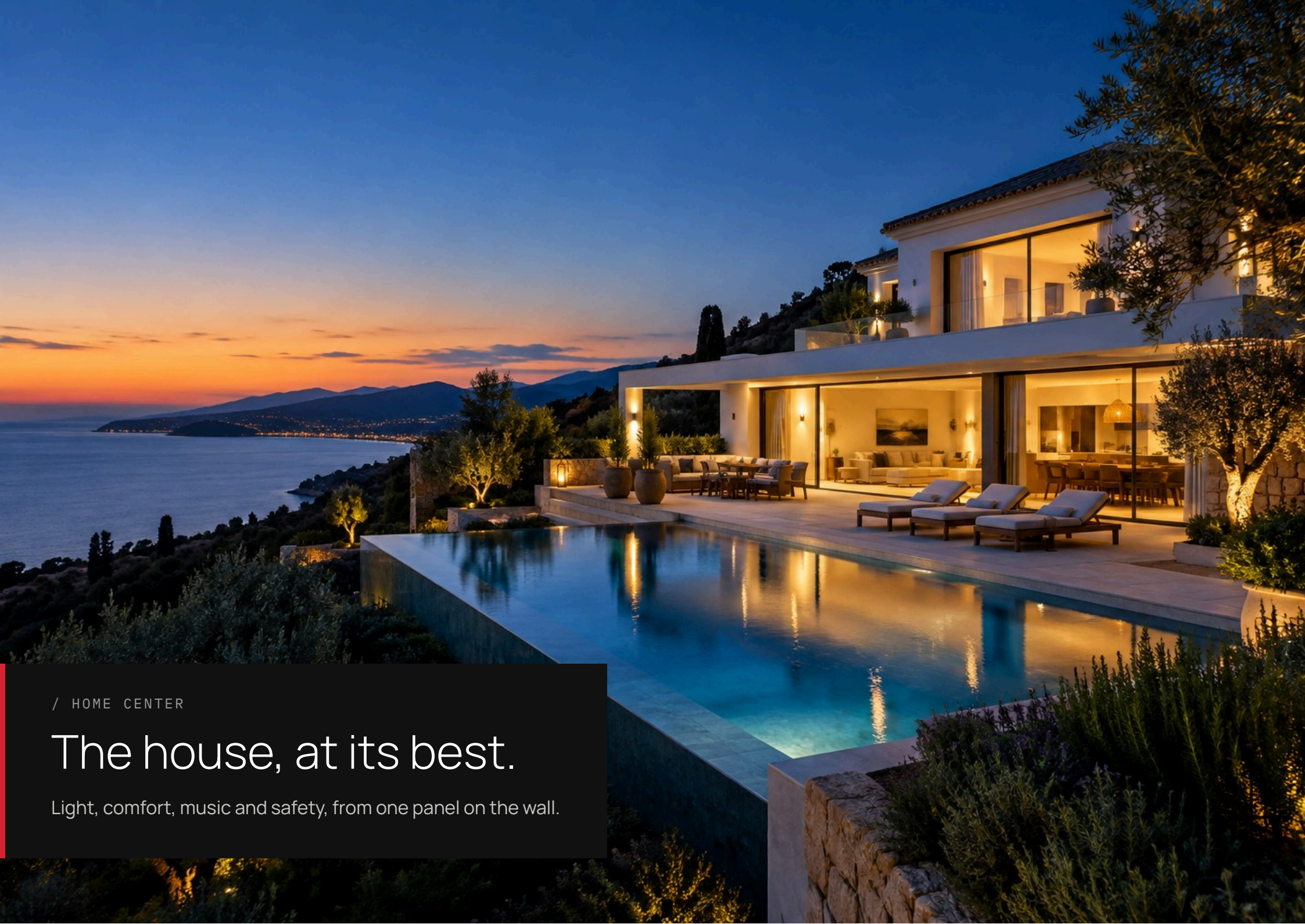
All screens are the products' own interface, shown with a sample house.

Home Center — 10-INCH PANEL

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/ HOME CENTER

The house, at its best.

Light, comfort, music and safety, from one panel on the wall.



The whole house. One calm screen.

A 10-inch panel on the wall runs lighting, climate, curtains, music, cameras, the alarm and the front door, and the same interface is on every phone in the family.

No cloud account

Nothing to sign up for. The house and its data stay yours.

No subscription

Not for the panel, the apps or remote access.

Works offline

Lights, climate, scenes, the alarm and the door keep working without internet.

Z-Wave hub inside

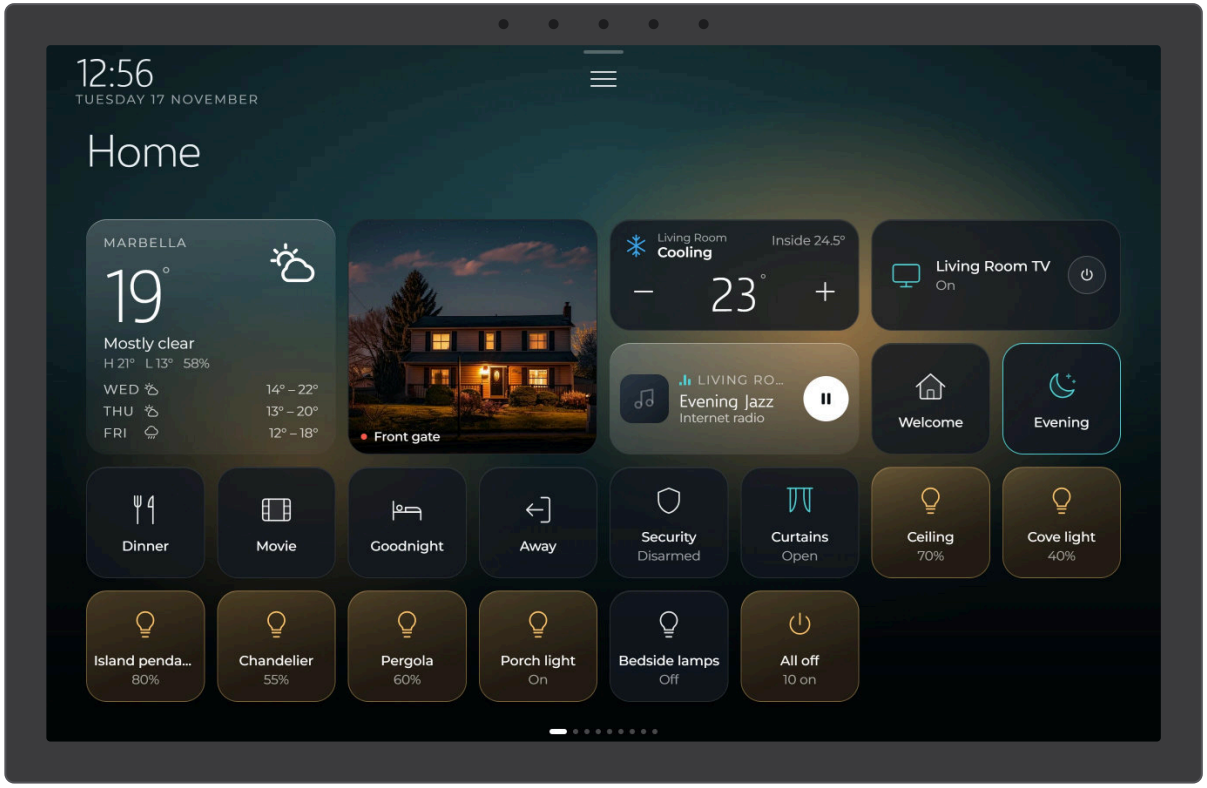
Wireless devices join straight from the panel.

Home, arranged your way.

Home is a page of tiles in three sizes. You choose what is on it and in what order, and each panel and each phone keeps its own.

EXAMPLE

The parents keep the gate camera, the thermostat and the evening scenes at the top. Their daughter's phone starts with her own room's lights and music.



Hold to arrange

Move a tile, resize it or take it off.

At a glance

Clock, date and the weather for the next days.

All off

One touch turns every light off.



Every room, over its own photo.

Swipe from room to room. Each room shows what is in it, from lights and climate to music and curtains, over a photo of that room. Star the rooms you use most and they come first.

Swipe between rooms

From Home, one swipe opens the next room.

Your own photos

Give every room its own picture.

Starred rooms

The rooms you star come first when you swipe.

EXAMPLE

Coming down for breakfast, Sara swipes once to the Kitchen: its ceiling light, the island pendants and the radio are on one page.



Every light, room by room.

All the lights of the house on one page, grouped by room, each with its own slider. Tunable lights open to a full control with warm-to-cool white.

A slider for each light

Dim straight from the list, without opening anything.

Warm to cool white

Set the tone of tunable lights, in kelvin.

Counted for you

How many lights are on, and in how many rooms.

EXAMPLE

At bedtime David checks the Lights page: ten lights are still on, in six rooms. He slides the floor lamp off and taps All off for the rest of the house.

A dial for every thermostat.

Each thermostat gets a dial with its modes, the fan and the last 24 hours. Climate zones can follow a plan of the day: morning, day, evening and night, on working days and days off.

Modes
Off, Cool, Heat and Fan, one touch each.

The last 24 hours
See how the room really behaved.

Plans for the day
Working days and days off, each with its own plan.

EXAMPLE

On working days the living room starts cooling to 23° in the late afternoon, so it is comfortable when the family gets home. At the weekend the plan starts later.

One touch, and the whole room changes.

Lights, curtains, climate and music move together. A scene can be for the whole house or for one room, and New scene keeps the house just as it looks right now.

Scenes that tell the truth

A scene's tile stays lit while the house is the way the scene asks.

Capture the moment

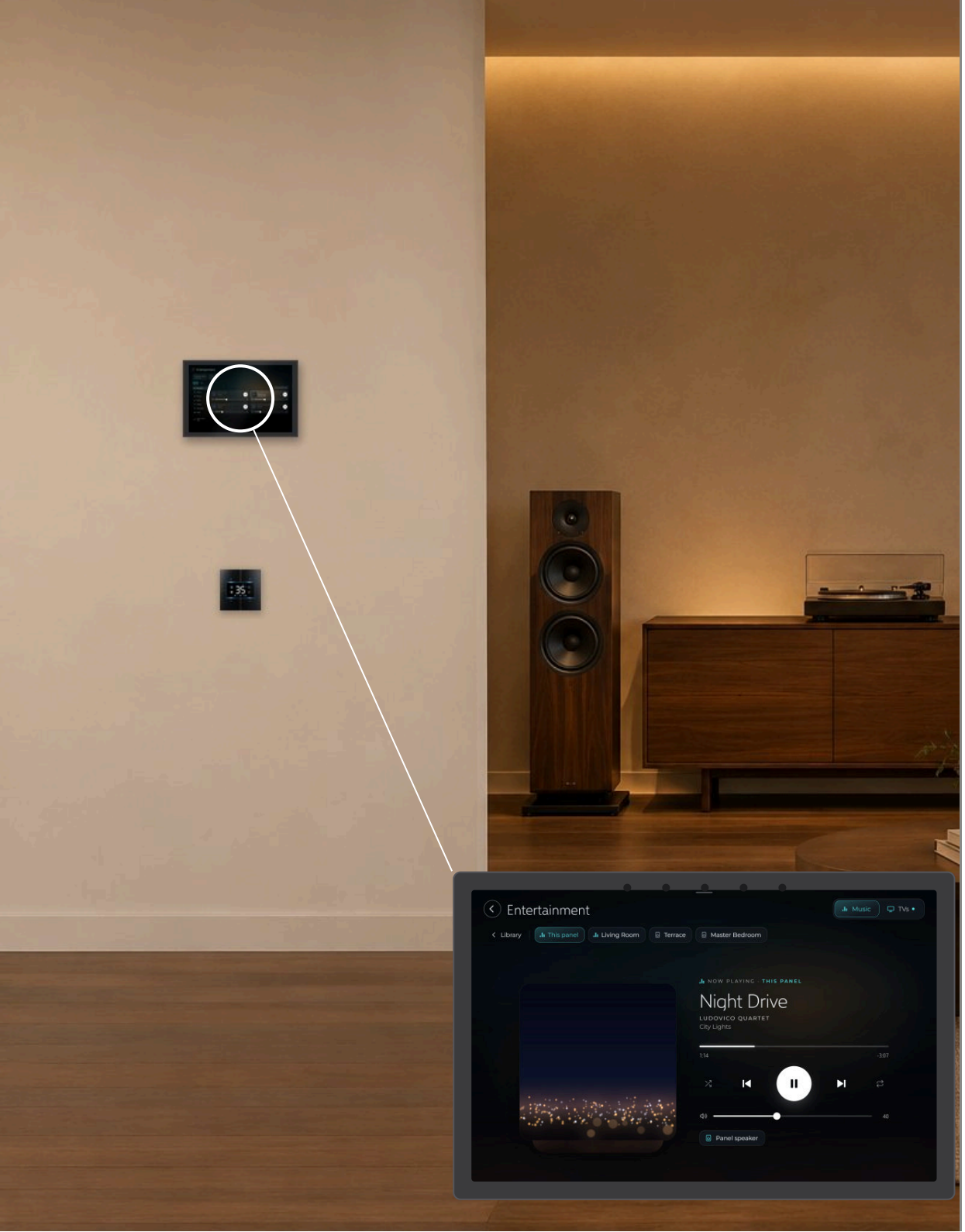
New scene saves the house as it is now.

House or room

Away, Goodnight and Welcome for all; Reading for the study.

EXAMPLE

Movie: the ceiling goes off, the cove light drops to 20%, the curtains close and the TV room cools to 22°. One touch, on the panel or on a phone.



Music in every room.

Speakers room by room, each with its own volume. Your library, favourites and internet radio, and one touch to pause everywhere.

Room by room
Each speaker with its own volume and source.

Library and radio
Albums, artists, folders, favourites and internet radio.

Pause everywhere
One touch silences the whole house.

EXAMPLE

Saturday lunch: jazz radio on the terrace and in the living room at the same time, while the master bedroom stays quiet. When guests leave, Pause everywhere stops it all at once.

The TV joins the house.

Smart TVs and TV boxes on the home network are found and paired from the panel: power, volume, the remote's keys, inputs and apps. A TV takes part in scenes and in All off, like the lights.

Every remote key

Arrows, OK, back, home, volume and channels.

Apps and inputs

Netflix, YouTube, Prime Video, HDMI inputs.

Many brands

Android TV, Samsung, LG, Sony, Philips, Panasonic, Roku, Apple TV.

EXAMPLE

Movie night: one touch turns the TV on and opens Netflix, dims the lights to 20% and closes the curtains.

Curtains, to the exact position.

Open, close or stop, or send a curtain to an exact position. Curtains take part in scenes, schedules and automations like everything else.

EXAMPLE

On weekdays at sunrise the bedroom curtains open to 50%, so the room fills slowly with light. At sunset the living-room curtains close by themselves.



Open, stop, close

The three moves, always one touch away.

25, 50, 75%

Or any position you choose.

In scenes and schedules

Curtains move with the rest of the house.



/ SAFETY

Calm, and always in the know.

The alarm, the cameras and the front door, on every screen in the house.

The alarm, on the same screen.

Away, Home and Night, with entry and exit delays and a duress code. Every door and window sensor is listed, so you can see what is open before you arm.

Three ways to arm

Away, Home and Night, with delays.

Duress code

A separate code for when someone forces you to disarm.

Pictures when it sounds

Cameras capture, lights come on.

EXAMPLE

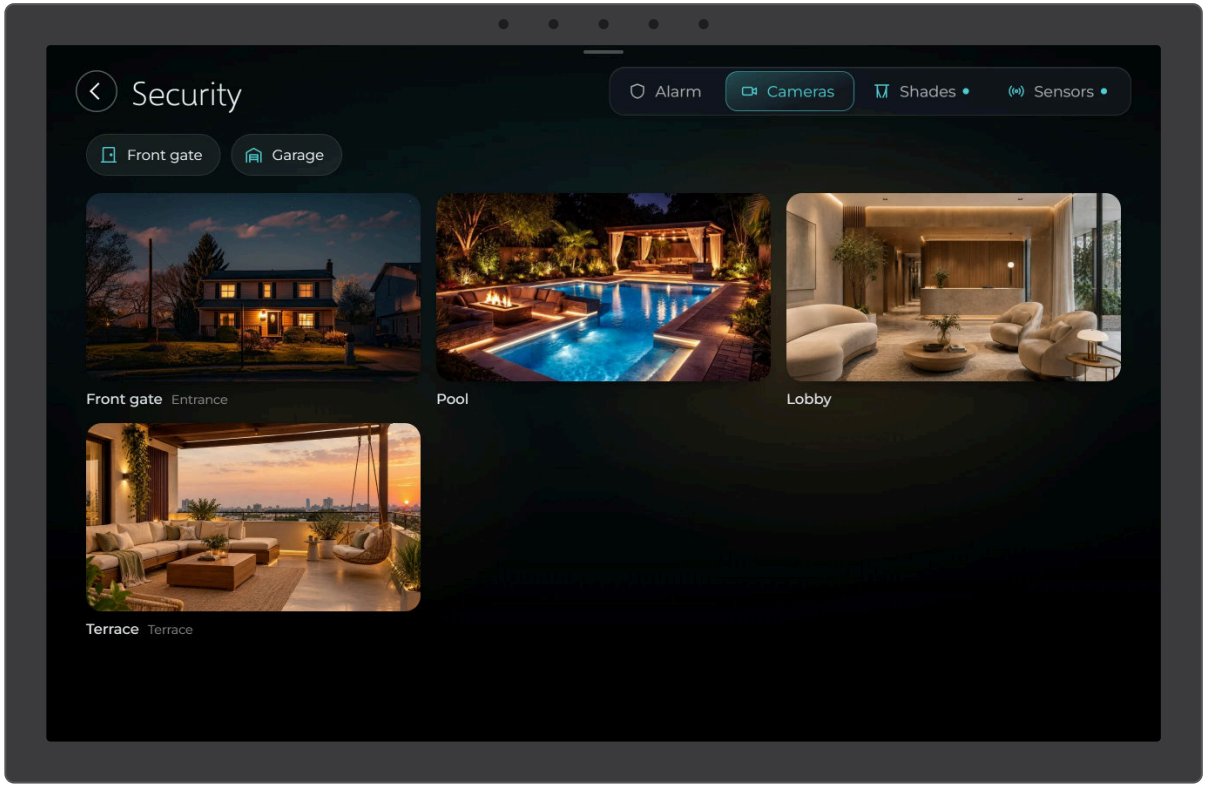
Leaving for the weekend, the panel shows the terrace door still open. Close it, tap Arm Away and leave during the exit delay. If the alarm ever sounds, the cameras take pictures and the lights come on.

Cameras that see, and understand.

Hikvision, Dahua or any RTSP camera, live on the panel and on your phone. The panel looks at the picture itself: a person at the door, someone lingering, a car stopping, a parcel left behind. Nothing leaves the house.

EXAMPLE

While the family is away, someone stands at the door for more than a minute and a half without ringing: a red alert appears on every screen, with the picture.



A person at the door

An instant alert in Away or Vacation.

A car stops, a parcel is left

Kept in the history with the picture.

Passwords stay inside

Nothing secret reaches a screen.

The door rings on the wall and in your pocket.

A SIP door station calls the panels and the phones at the same moment. Whoever answers first talks to the visitor, and can open the door from wherever they are.

Decline once, it stops everywhere

A call answered or declined on one screen ends on all.

A picture with every ring

Rings and missed calls are kept with the door's picture.

Standard SIP

Set-up profiles for Hikvision, Akuvox and DNAKE.

EXAMPLE

A courier rings while the house is empty. Sara answers on her phone at the office, sees him, talks to him and opens the gate. The panels at home go quiet the moment she answers.

The same house, wherever you are.

The iPhone and Android apps show the interface you know from the wall, with your own Home page. Each house has its own private, encrypted address: nothing to sign up for, and no port opened on the router.

Rings when closed

On Android the door rings even when the app is closed.

Ask Siri

On iPhone, Siri runs a scene.

Each to their own

Everyone receives only what they are allowed to see.

EXAMPLE

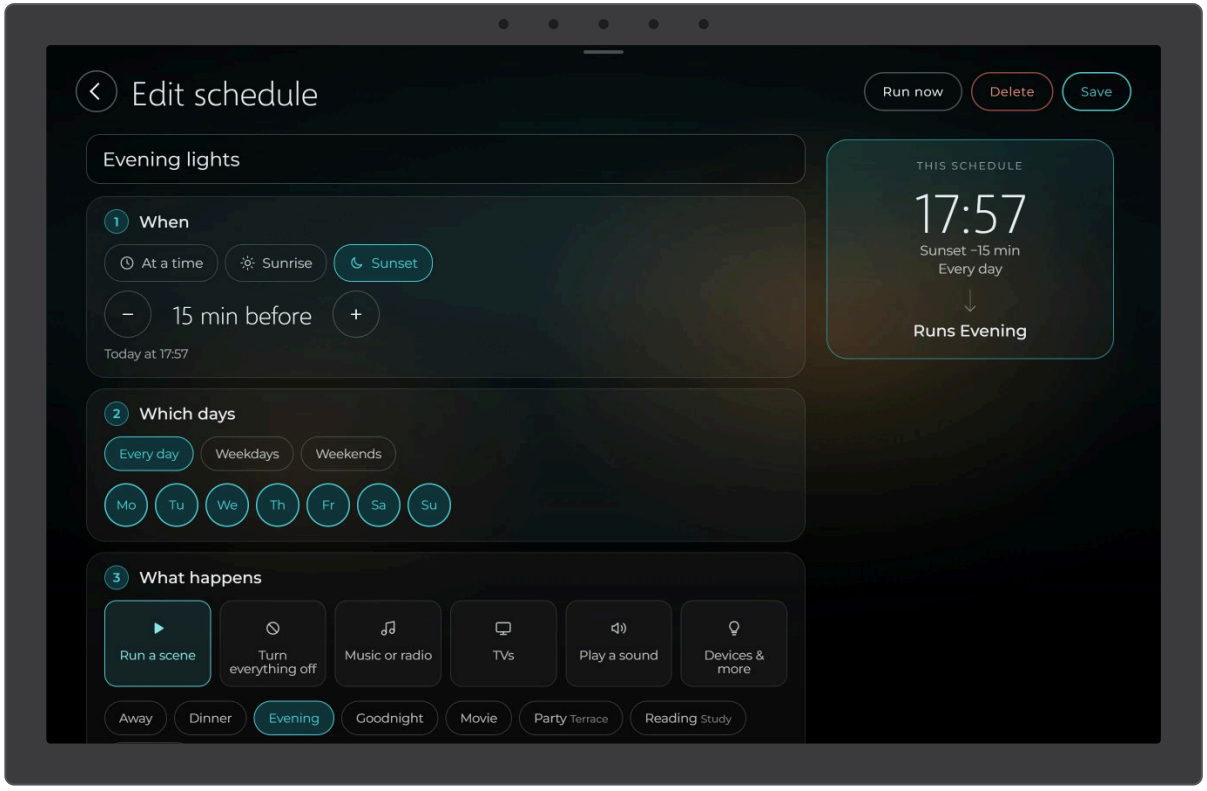
On holiday, Sara sees the garden lights came on at sunset, checks the cameras and lowers the heating before the flight home.

Schedules the owner sets up alone.

Anything the house does can run on a schedule: a scene, music or radio, a TV, a sound, lights, curtains or the air conditioning. It starts at a set time, or at sunrise or sunset, up to three hours before or after, on the days chosen. Three steps on the panel: when, which days, what happens. No installer, no app, no programming.

EXAMPLE

Evening lights: every day, fifteen minutes before sunset, the Evening scene comes on. In summer that is late, in winter early: the time follows the daylight by itself, all year.



Follows the daylight

Sunrise or sunset, before or after: the time moves with the seasons.

Anything the house does

A scene, all off, music or radio, a TV, a sound, or any devices in one go.

Try it at once

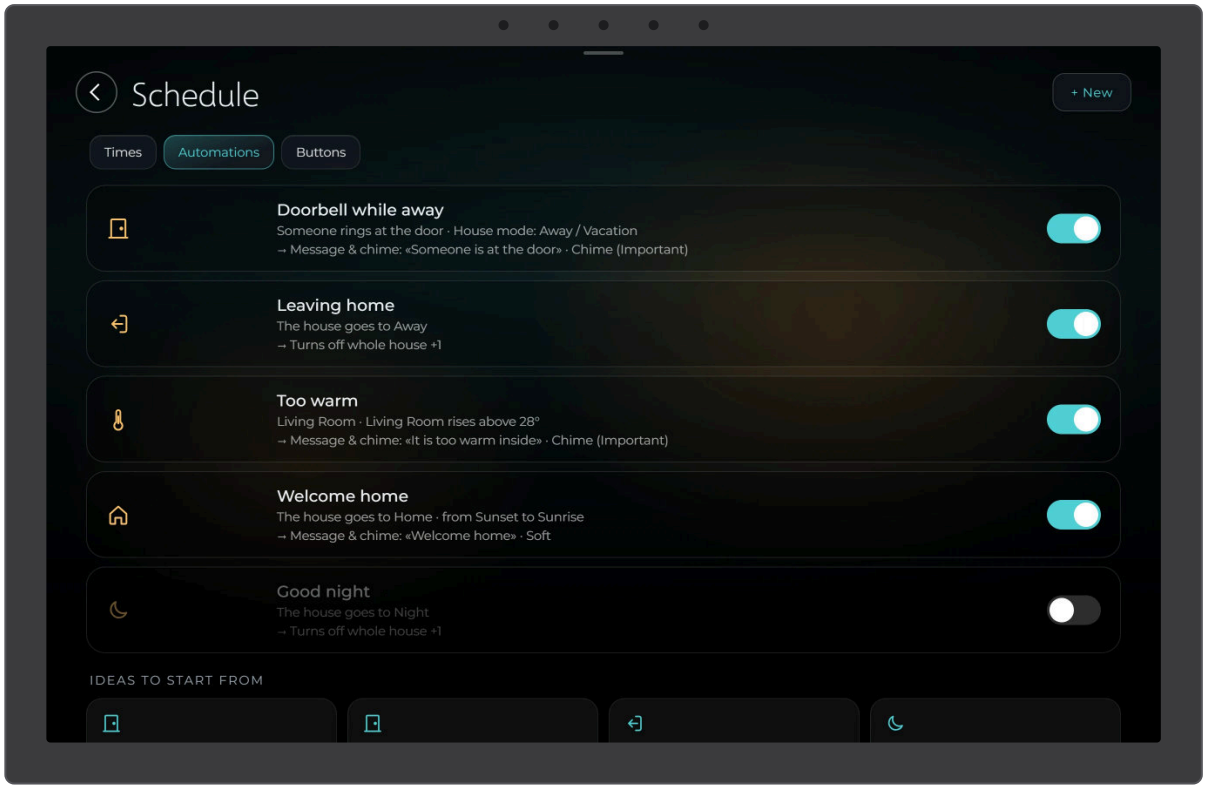
Run now tests a schedule; one switch pauses it.

When, only if, then.

A door ring, a sensor, a temperature, the alarm or the house mode can start anything. House modes, Home, Away, Night and Vacation, change how the whole house behaves.

EXAMPLE

When the doorbell rings, only if it is after dark, then the entrance light comes on. It is one of the ready ideas on the panel: tap it, adjust it, save it.



It learns the routine

Repeat something at about the same time and the panel offers to take it over. Learning stays in the house.

A watchful eye

A window open with the AC on, a water leak, a low battery: the house tells you.

House modes

Home, Away, Night and Vacation.

RUNS ON ITS OWN

A house that thinks for you.

What the best installer programmes in every house, here without programming. The owner chooses what to keep; the rest simply runs.

Empty rooms

Lights go off in a room nobody moves in, after a short dim; at night a movement lights it softly.

Someone is home

While you are away, the lights do in the evening what they did a week ago.

Useful alerts

A door or window open, a window open with the AC on, water on the floor, a low battery, rain coming.

Light that follows the day

Cool and bright at noon, warm in the evening, warmest at night.

Kept cool

Chosen curtains close on a hot, sunny day and open when the heat has gone.

The house guards itself

In Away, it keeps itself from freezing or overheating.

OFFLINE

Say it, and the house does it.

Say “Hey APEX”, then ask for lights, climate, curtains, scenes or music, with your own room names. The speech is understood on the panel itself, without internet: your voice never leaves the house.



“Turn on the kitchen ceiling”

The kitchen ceiling light comes on.



“Set the bedroom to 24”

The bedroom air conditioning goes to 24°.



“Open the living room curtain”

The curtain opens.



“Goodnight”

The Goodnight scene: lights, curtains and climate.



“Play music in the lounge”

The lounge speakers start playing.



Private by design

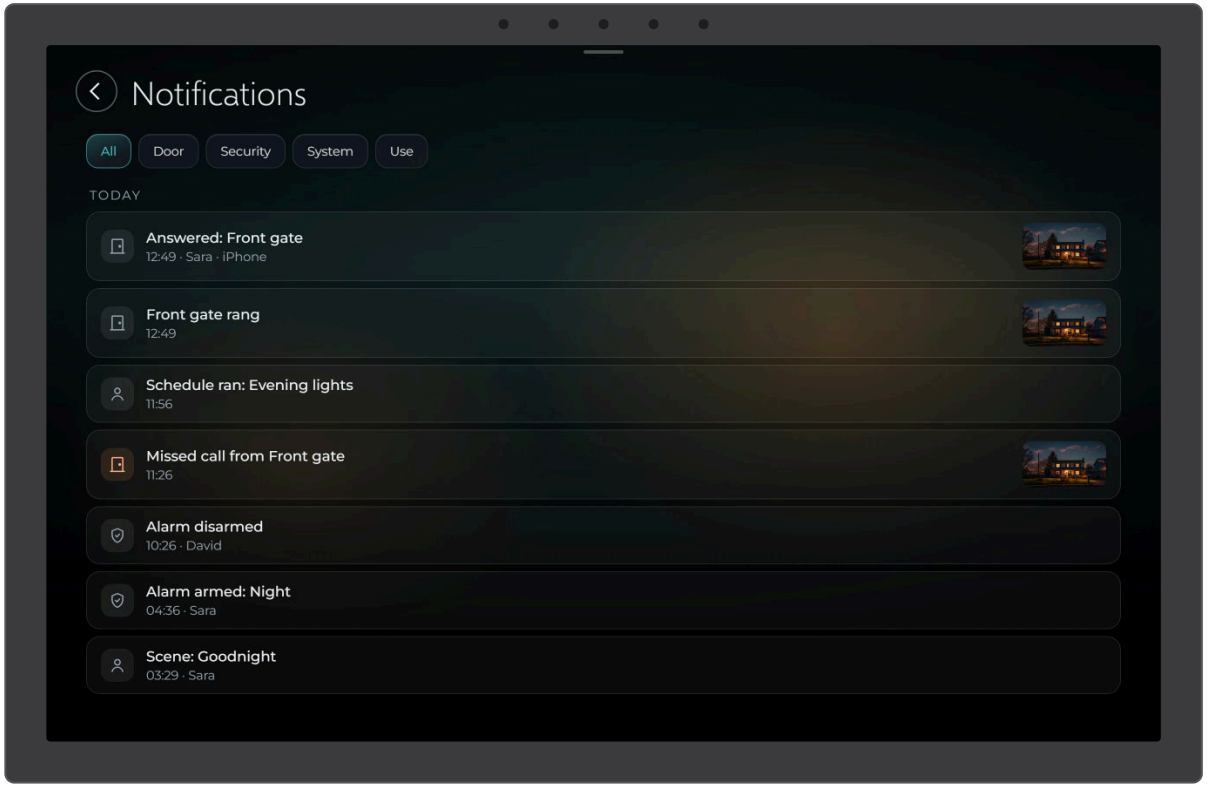
Speech is understood on the panel and sent to no server.

Thirty days of what happened.

The door, the alarm, scenes and schedules: every event is kept for thirty days, with the door's picture beside each ring. Filter by door, security, system or use.

EXAMPLE

In the evening David opens History: the front gate rang at 13:24 and Sara answered it on her iPhone, with the picture of who was there.



The door's pictures

Every ring, answered or missed, with its picture.

Filters

Door, security, system and use.

Who did what

Arming, disarming and scenes, with names.

What every circuit draws, right now.

Modules with a power meter show each output's watts, volts and amps live, and what it used in the last 24 hours. The air conditioner, the water heater, the pool pump: no more guessing where the bill comes from.

EXAMPLE

At noon in July the living-room air conditioner draws 2.2 kW and has used 27 kWh since yesterday. One touch on the same page switches it off.



Live watts

Updated as it changes.

Volts and amps

A weak supply or a loaded line shows at once.

kWh per day

What each output used in 24 hours.

Twenty-four hours, in one line.

Each meter keeps its last 24 hours in 15-minute steps: power, current or voltage, with the average and the peak. When something runs, and for how long, is plain to see.

EXAMPLE

The water heater's chart shows it heating three times a day. A schedule moves it to the cheaper hours, and the water is just as hot.



Power, current, voltage

One touch changes the line.

Average and peak

For the whole day.

Nothing leaves the house

Kept and drawn on the panel.

RUNS ON ITS OWN

Saving energy, without thinking about it.

The house cuts waste on its own, and the meters show what it saved.

Empty rooms go dark

Lights go off where nobody has moved for a while.

A plan for the day

Each climate zone cools or heats only as much as each part of the day needs.

A window open, the AC on

The panel says so before the cool air goes out of the window.

Curtains against the sun

On hot days the curtains close on the sunny side.

Away means off

Leaving switches off the lights, the music and the air conditioning in one go.

Water by the weather

The garden gets only what the plants lost, and none before rain.

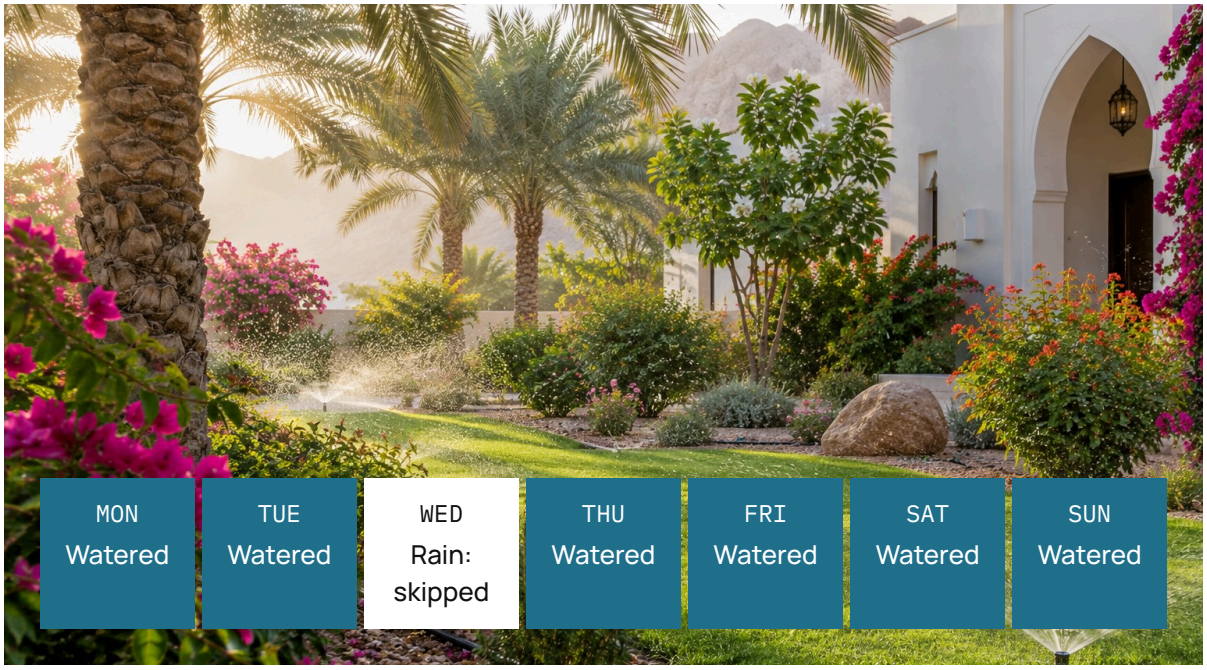
SET UP BY THE INSTALLER

Watering that reads the weather.

Each zone gets back what the garden really lost to sun and wind, and nothing at all when rain is on the way. The installer switches it on for homes with a garden; after that it simply runs.

EXAMPLE

Rain is forecast for Wednesday, so Wednesday's watering is skipped. On the hot, windy Saturday that follows, the lawn gets more, in short cycles so the water soaks in.



Rain coming

Skipped.

Near freezing or strong wind

Skipped.

Soaks in cycles

No run-off.



A gate that knows your car.

The camera at the gate reads the plate as the car comes up and opens for the family's cars by itself. A guest's plate works only for the hours you choose, and any screen can open the gate by hand.

Residents
The family's cars, always welcome.

Guests by the hour
A plate that works only when you say.

Blocked plates
Never opens for them.

EXAMPLE

Friends are coming for the afternoon: add their plate as a guest until evening. When they arrive the gate opens for them; after that the plate no longer works.



SET UP BY THE INSTALLER

Pool, jacuzzi and sauna, ready on time.

Set a temperature, or simply the time you want it ready by. Built-in limits keep the water and the equipment safe: no heating without the pump running, and sessions that end by themselves.

Ready by a set time
The panel works out when to start.

Safety limits built in
No heat without the pump; sessions end.

Lights and blower
From the same page.

EXAMPLE

Friday at six: tell the jacuzzi to be ready by eight. The panel starts the pump and the heater at the right moment, and the session ends by itself.

BUILT IN

A Z-Wave hub is built in.

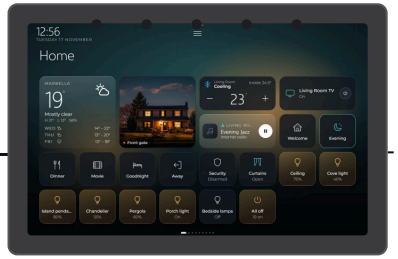
The Home Center carries its own Z-Wave radio: no USB stick and no second gateway. Wired SmartAPEX modules and wireless Z-Wave devices live in one house, on one screen, in the same scenes and automations.

EXAMPLE

A retrofit apartment with no new wiring: Z-Wave keypads and thermostats join from the panel with S2 security, and take part in the same Goodnight scene as the wired DALI lights.

WIRED

IP Relay 16 / 24
Mini IP
DALI gateway
CAN keypads
CAN thermostats



HOME CENTER

Z-WAVE

SmartAPEX Z-Wave keypads
SmartAPEX Z-Wave thermostats
Other Z-Wave devices

Add and remove from the panel

No extra tool.

S2 security

Encrypted pairing.

Backed up by itself

The Z-Wave network is saved automatically.

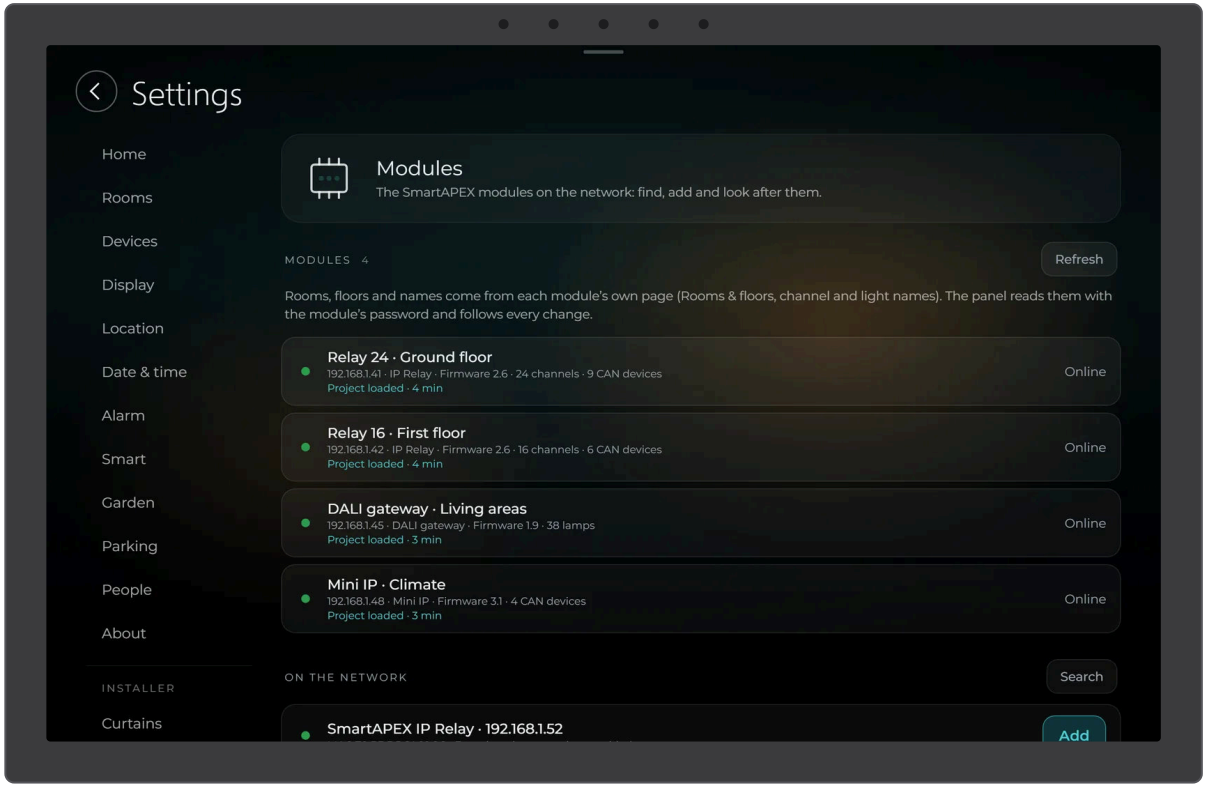
Commissioned in an afternoon.

The panel finds SmartAPEX modules on the network and brings in the project already made in them: rooms, floors and channel names. Nothing is typed twice, and no device is added by hand.

EXAMPLE

The installer mounts the panel and plugs in the network cable. The relay modules, the DALI gateway and the Mini IP appear by themselves, with their rooms and names.

IP RELAY 16 / 24 · MINI IP · DALI DT6 / DT8 · CAN KEYPADS · CAN THERMOSTATS · DIGITAL INPUTS · Z-WAVE



Service by code

An install code until hand-over, then 1, 7 or 30-day codes, opened only when the owner taps Allow.

Signed updates

Checked, installed when chosen, can be rolled back.

It looks after itself

A three-layer watchdog and a backup every night.

CAN-BUS · Z-WAVE

Keypads in glass or metal.

On the same 86 × 86 mm platform as the Room Controller. Crystal in black or white glass with 1 to 5 buttons; Classic in brushed metal with 2 to 4.

CAN	4 relays, 2 A per channel (AC), or 2 dry-contact inputs (DC)
Z-Wave	With or without neutral, for retrofits with no new cabling
Presses	Short, long, double and triple on every button (CAN)
Curtains	Interlocked direction outputs
Updates	Over CAN-BUS or over the air from the controller

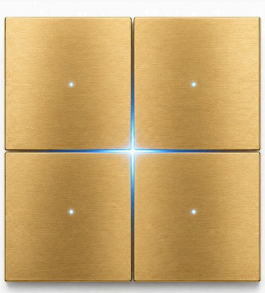




CRYSTAL · BLACK



CLASSIC · ANTIQUE



CLASSIC · GOLDEN

CAN-BUS · Z-WAVE

A thermostat for every project.

Wired or wireless, AC or low voltage, switched or 0–10 V valve. On the same 86 × 86 mm platform, so a room matches from switch to climate.

Fan · valve	Three fan speeds; heat, cool or both
Sensor	Integrated, or external 10K NTC; IR models with a probe
Supply	Mains AC, or 12–24 V
Crystal	Black glass, touch keys around the display
Classic	Four finishes: Black, Antique, Golden, Silver

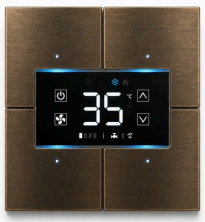




CRYSTAL



BLACK



ANTIQUE



GOLDEN



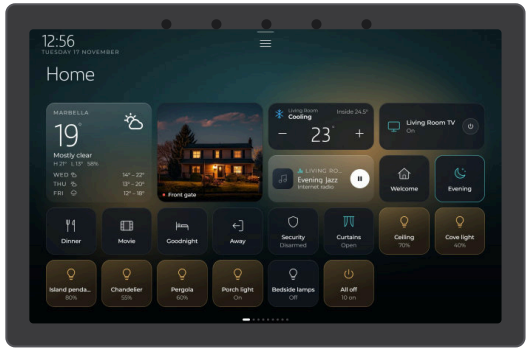
SILVER

Made to sit flat on the wall.

The panel hangs on a wall bracket fixed over a flush-mounting box or straight on the wall, and clicks into place. One network cable can bring both data and power.

Display	10-inch touch screen
Front	240.4 × 159 mm
Wall bracket	169.2 × 124 mm
Network	Ethernet, twisted pair (UTP, FTP or STP)
Power	PoE over the network cable, or 24 V DC · 500 mA · 12 W
Mounting	Wall bracket, over a flush-mounting box or on the wall
Security	Optional anti-theft screws

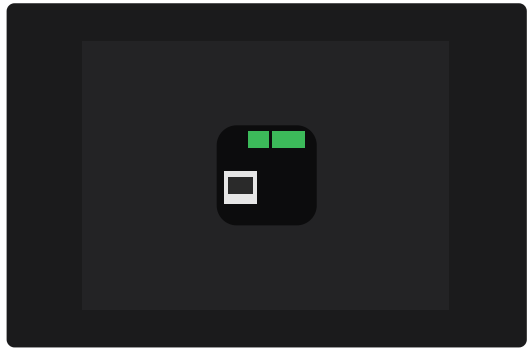
FRONT



159 mm

240.4 mm

BACK



124 mm

169.2 mm

Fix the bracket

To the wall or the flush-mounting box.

Connect

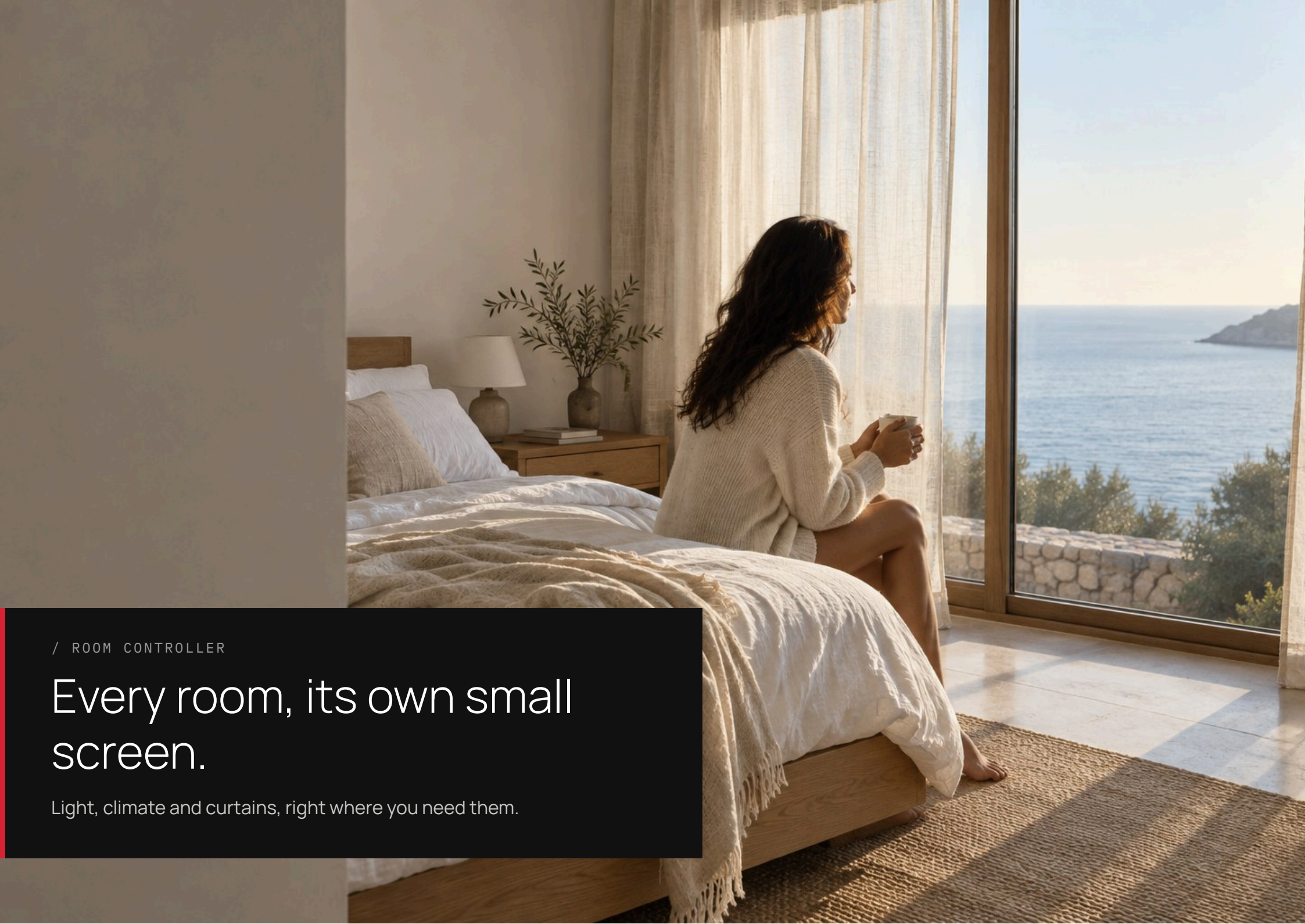
The network cable, and 24 V only without PoE.

Click on

Hook the panel on the bracket.

Lock

Anti-theft screws, if you want them.



/ ROOM CONTROLLER

Every room, its own small screen.

Light, climate and curtains, right where you need them.



The whole room. One panel.

A 2.8-inch touch controller for each room, behind a square of black glass. It runs the room's lights, climate, curtains and scenes.

86 × 86 mm
A square of black glass, the display melts into it.

480 × 640 IPS
2.8 inches, over 280 pixels per inch.

SmartAPEX CAN bus
Wired, with RS-485, IR and four relays.

Control4 and Fibaro
Pick the room. Everything appears.

2.8-INCH IPS

Quiet until you walk in.

A Bluetooth presence sensor wakes the screen as you enter. When nobody uses it, it rests on a calm clock with the temperature and humidity. The 2.8-inch IPS display, 480 × 640 pixels, is sharp at over 280 ppi.

EXAMPLE

At night the room is dark and the panel shows only the clock. Walk in and the screen wakes on the climate page, with the presence mark lit, before you touch it.



WAKES WHEN YOU WALK IN



RESTS ON A CALM CLOCK

Presence wake

A Bluetooth sensor lights the screen.

Ambient clock

Time, temperature and humidity.

Your settings

Brightness, screen saver and key sound.

Light, exactly as you like it.

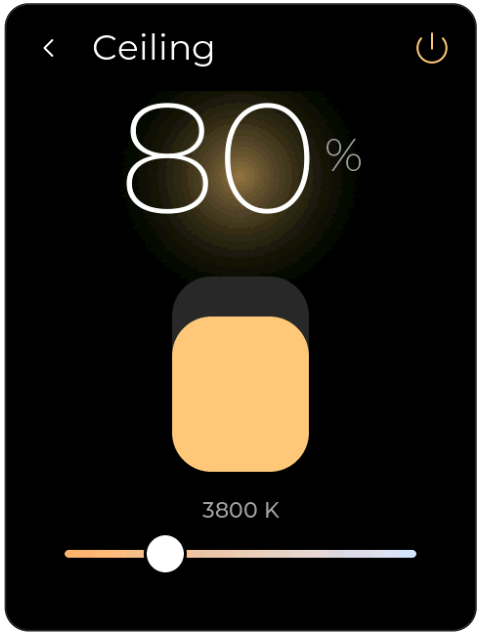
Every light of the room on one page: on, off and dimmed. Tunable lights also go from warm to cool white.

EXAMPLE

Reading in the evening: the ceiling at 80% and 3800 K, the cove at 45%, the spots off. Three touches, without leaving the chair.



EVERY LIGHT OF THE ROOM



DIMMING AND WHITE TONE

On and off

Each light, one tap.

Dimming

Slide to any level.

Warm to cool white

Set the tone of the light.

Pick the colour of the evening.

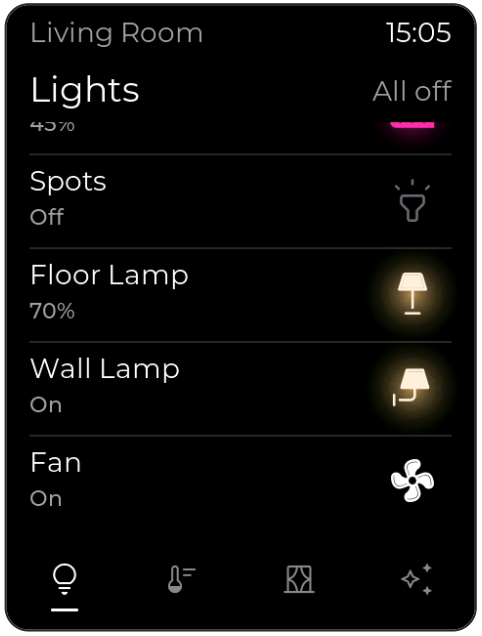
Colour lights get a colour wheel, a brightness slider and quick swatches.

EXAMPLE

For a dinner with friends, turn the cove strip to a soft amber from the swatches and lower it to 45%.



COLOUR WHEEL



THE ROOM'S LIGHTS

Colour wheel

Any colour, by touch.

Brightness

Its own slider.

Swatches

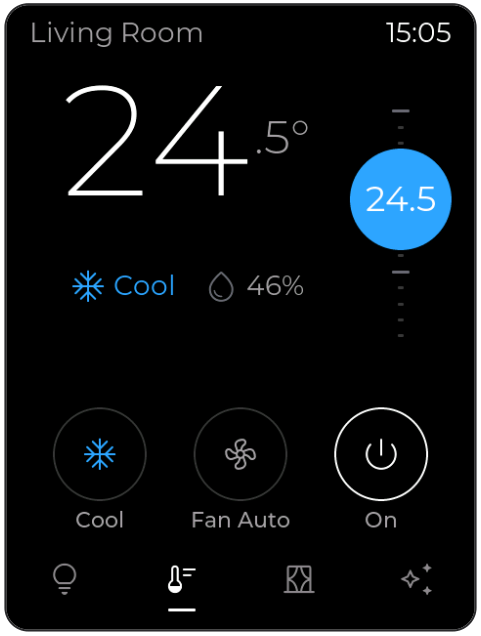
Favourite colours, one tap.

Climate at a touch.

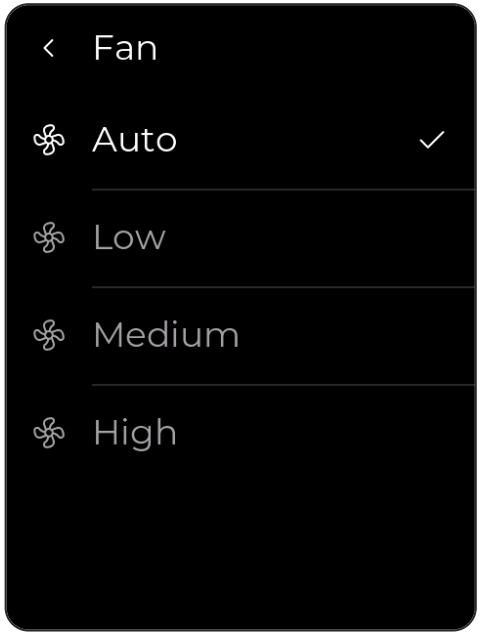
Temperature, mode and fan speed from the room. Modes are Cool, Heat, Auto, Dry and Fan; fan speed is Auto, Low, Medium or High.

EXAMPLE

Guests arrive and the room feels warm: drag the set point down to 22.5° and set the fan to High. The humidity is shown beside the temperature.



SET POINT



FAN SPEED

Set point

Slide up or down.

Five modes

Cool, Heat, Auto, Dry, Fan.

Four fan speeds

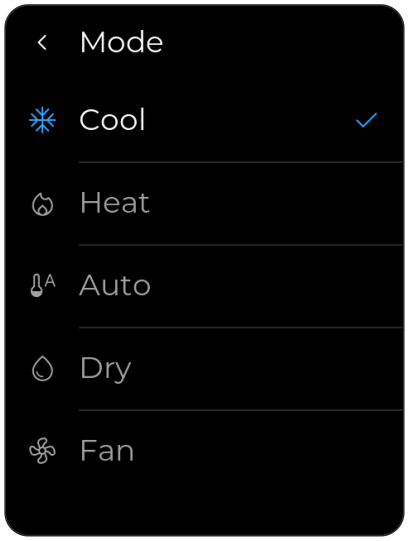
Auto, Low, Medium, High.

VRF and split air conditioners.

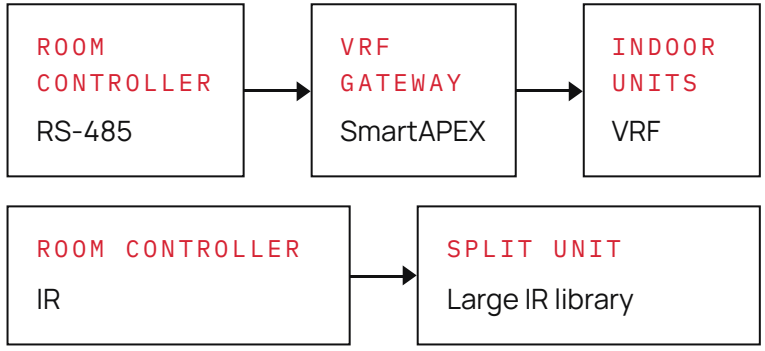
VRF indoor units over RS-485 through the SmartAPEX VRF gateway, and split air conditioners through a large built-in IR library.

EXAMPLE

A villa with VRF in the main house and split units in the guest house: every room has the same controller, and nobody needs to know which kind of air conditioner is behind it.



THE SAME PAGE FOR BOTH



VRF WORKS WITH

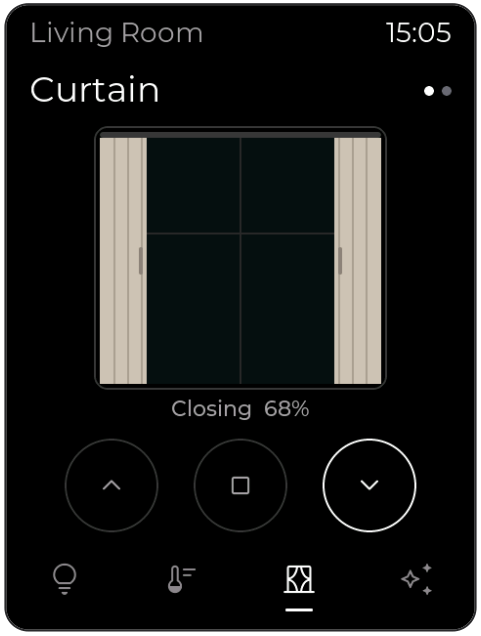
DAIKIN · TOSHIBA · FUJITSU · GREE · YORK · HAIER · HISENSE · CARRIER · KELON · MIDEA · EK · HITACHI · MITSUBISHI ELECTRIC · MITSUBISHI HEAVY · PANASONIC

Curtains and shades.

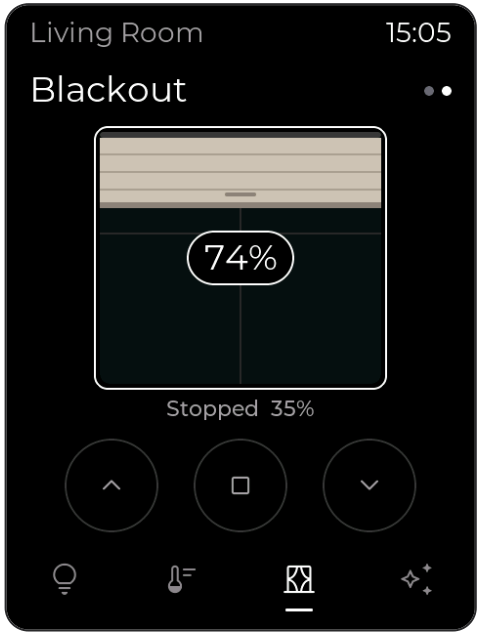
Motorised curtains and shades, including RS-485 curtain motors. Open, stop or close, or drag a shade to the height you want.

EXAMPLE

Afternoon sun on the TV: drag the blackout shade down to 35% and leave the curtain open.



CURTAIN, CLOSING



SHADE, DRAG TO HEIGHT

Open, stop, close

One tap each.

Drag to height

The shade follows your finger.

RS-485 motors

As well as relay-driven motors.



One tap sets the room.

Welcome, Relax, Movie, Night, Leave and Party: each scene sets the lights, curtains and climate of the room at once.

Six scenes
Welcome, Relax, Movie, Night, Leave, Party.

Whole room
Lights, curtains and climate together.

One tap
Right from the scenes page.

EXAMPLE

Bedtime: tap Night. The ceiling goes off, the wall lamp dims, the curtain closes and the air conditioning moves to its night setting.



BUILT-IN MICROPHONE

It hears the music.

A built-in microphone hears the music in the room and the screen moves with the beat, in five effects: Bars, Liquid, String, Pulse and Sparks. The sound is analysed on the panel and never leaves it.

Five effects
Bars, Liquid, String, Pulse, Sparks.

On the beat
It finds the tempo by itself.

Private
Sound never leaves the panel.

EXAMPLE

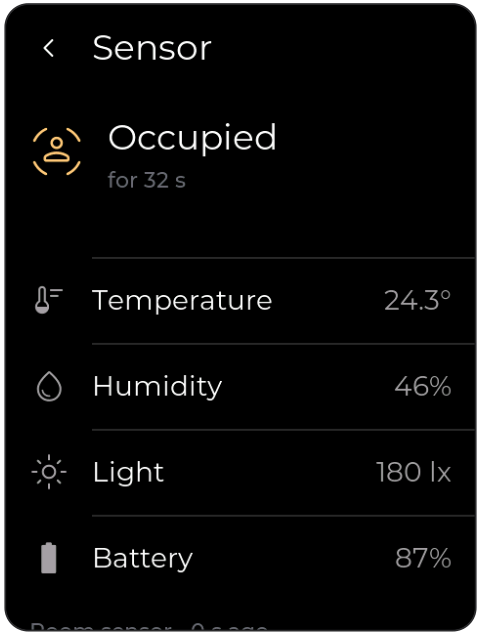
Friday night with friends: tap Party on the scenes page and the panel follows the music playing in the room, beat by beat.

It knows the room.

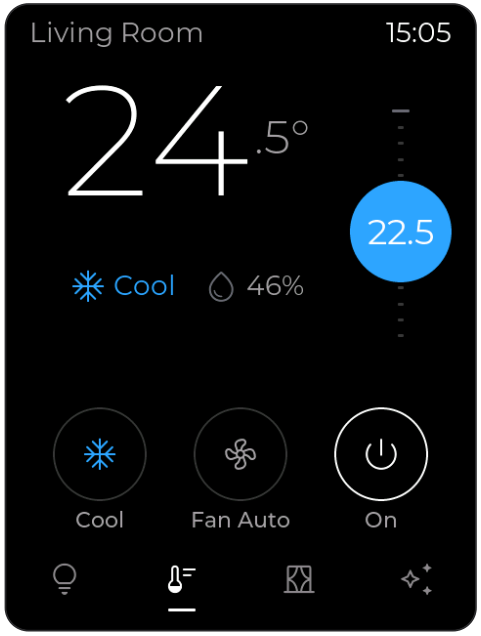
Presence over Bluetooth, and temperature, humidity and light sensors on board. There is an input for an external sensor too.

EXAMPLE

Open the sensor page: the room has been occupied for 32 seconds, at 24.3°, 46% humidity and 180 lux.



THE SENSOR PAGE



TEMPERATURE AND HUMIDITY

Presence

Over Bluetooth.

Temperature, humidity, light

Measured on board.

External input

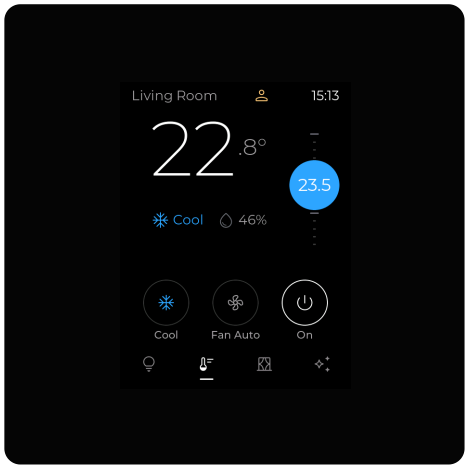
For an outside temperature sensor.

See who is at the door.

When the door station rings, the room controller shows who is there, and the door opens from the room with one touch. The room controller shows the picture; it has no speaker for talking.

EXAMPLE

In the study upstairs, the panel shows the courier at the gate. Tap Open, and keep working.



DOOR STATION
Someone rings

→ ROOM CONTROLLER
Shows the picture

ROOM CONTROLLER
Tap Open

→ DOOR
Opens

Picture
Who is ringing, on the wall.

Open
One touch.

Dismiss
Or simply let it go.

NO SETUP

Pick the room. Done.

Choose the room in Control4 or Fibaro and every device of that room appears on the panel. No setup on the panel itself.

EXAMPLE

An integrator adds a controller to the master bedroom of a Control4 project, picks Master Bedroom, and the panel shows its lights, curtains and thermostat straight away.



CONTROL4 OR FIBARO

Pick the room

→

ROOM CONTROLLER

Every device appears

Control4

Pick the room in the project.

Fibaro

The same way.

SmartAPEX

Works with SmartAPEX modules too.

Built on the SmartAPEX CAN bus.

The room controller runs on the SmartAPEX CAN bus and works with SmartAPEX modules, Control4 and Fibaro. Its back power part carries four relays for a curtain, lights or a fan coil.

EXAMPLE

In a hotel room, the four relays drive the fan coil and the curtain motor directly, while the room's other lights come over the CAN bus.



CAN BUS	SmartAPEX modules
RS-485	VRF gateway, curtain motors
4 RELAYS	Curtain, lights or fan coil
IR	Split air conditioners
BLUETOOTH	Presence sensor
WI-FI	Phone setup and updates

/ Control at your fingertips.

Planning a project, or want to see the Home Center and the Room Controller at work? Talk to us or to your SmartAPEX dealer.

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Dealer access, pricing and project support.

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03

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Screens show the products' own interface with a sample house. Specifications may change without notice.

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