Home
simple | home automation | Comelit

**COMELIT
HOME AUTOMATION.**
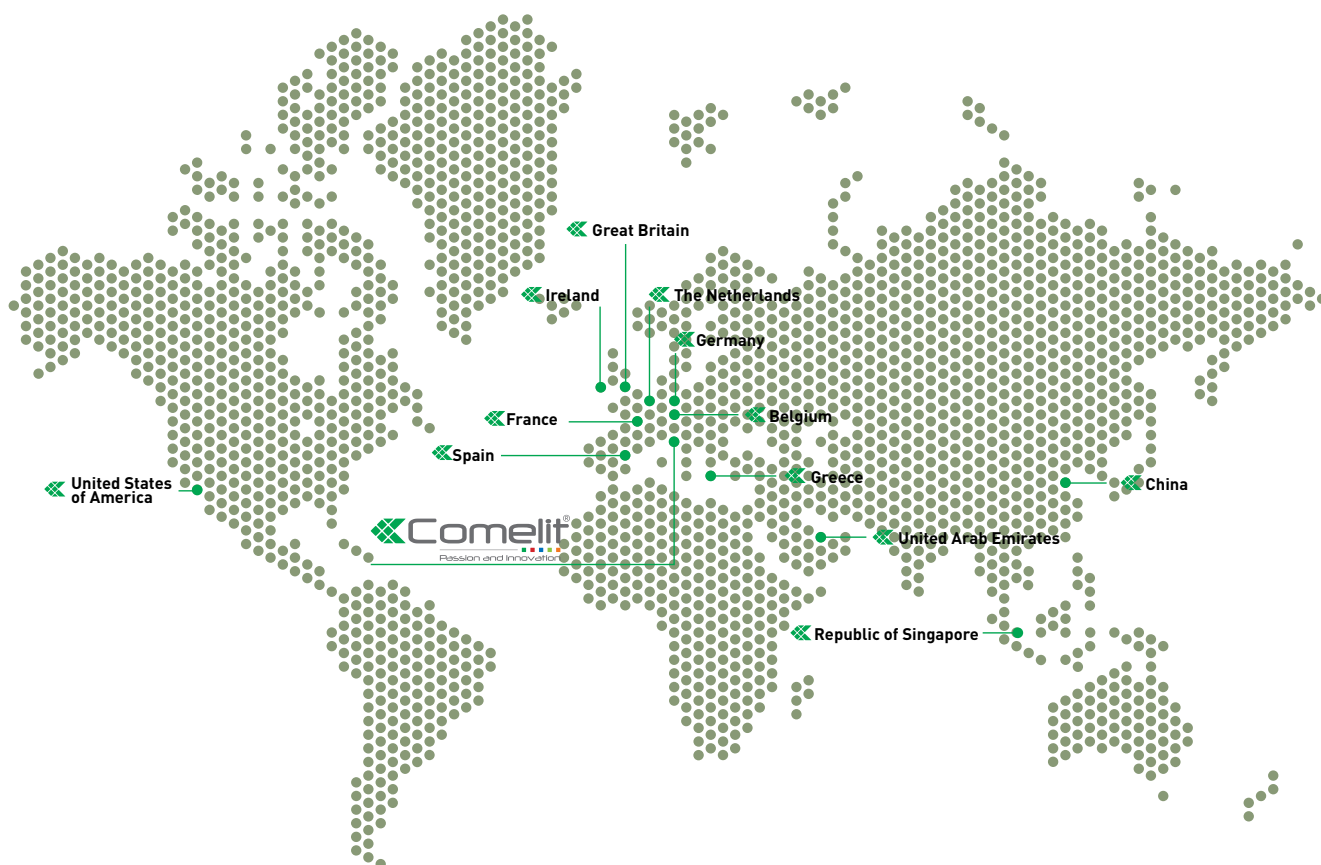
Comelit®
Passion and Innovation

Home
home automation | Comelit

With over fifty years' experience and commitment to constant innovation, Comelit designs and manufactures video door entry, CCTV, access control and intruder alarm solutions showcasing cutting-edge technology. SimpleHome home automation systems encompass these multi-disciplinary abilities, creating an interrelationship between them if the functions are coordinated so as to impove quality of life. Despite its international stature, Comelit retains the entrepreneurial vibrancy and customer focus of a truly glocal business. Comelit products are available in over 70 countries worldwide via the company's local technical and sales networks, and feature the guaranteed quality resulting from our field-leading technological research, continual application optimisation and our hallmark Italian design.

SimpleHome improves **quality of life.**

Great Britain

Ireland

The Netherlands

Germany

France

Belgium

Spain

United States
of America

Greece

China

Comelit
Passion and Innovation

United Arab Emirates

Republic of Singapore

Research, development and constant investment **to offer innovative systems and services tailored to suit every requirement.**

Comelit home automation systems are the result of ceaseless Research & Development conducted in-house by highly qualified professionals. Every solution is developed in Italy and every product derives from the Company's ability to innovate, in synergy with the experience-based know-how of a worldwide organisation. The same engine that drives our research also brings dynamism and efficiency to our technical service, which oversees the testing of new solutions. Our far-reaching sales and technical support network constitutes a real guarantee for everyone we interact with, from professional installers, to businesses, to householders.

Integration
of Comelit systems

The number of complementary fields covered by Comelit and the breadth of its product range give rise to an offering that takes the concept of "integration" to a new level. These potential applications, which can be coordinated, are perfectly represented by the home automation systems, with technology and functions which are able to interface with each other in order to guarantee the very highest efficiency levels and greater reliability even during control and feedback management, while optimising consumption and utilising the various devices in the most logical way.

Video surveillance

Simple CCTV, a comprehensive range of products for video surveillance. Analogue, IP, HD-SDI, offering top performance for your security.

Access control

Proximity keys and readers with Mifare technology, for managing entrances, exits and scenarios.

Intruder alarm

Simple Safe is a comprehensive system capable of meeting a full range of security requirements, with hard-wired or radio systems, to bring you top-flight performance from detection, to signalling, to integration with other systems, all at the service of the user.

Home automation

SimpleHome: the home automation system for controlling lights, roller shutters, irrigation and consumption. Total control of your own space for the benefit of your comfort and security, that can also be used to simulate occupation.

Video entry

Simple Video is not just a simple door entry monitor, but a unique object, capable of meeting all the requirements of the home, from home automation to video monitoring, access control and intruder alarm.

SYSTHEME

WHY CHOOSE
SIMPLEHOME BY COMELIT?

Because it improves your quality of life, giving you
all the wellbeing and security your home can provide.
**Plus, home automation can help you save up to a third
on your energy bills.**

Comelit's commitment to research and innovation has engendered a new way of understanding and managing living environments. The innovative integrated SimpleHome systems by Comelit exceed traditional expectations of home automation: they constitute a formula for intelligence that is easier to apply and more satisfying to use, capable of reconciling function, safety, economy, comfort, good looks, and environmental respect.

SECURITY, WELLBEING, PEACE OF MIND
AND LOWER ENERGY BILLS

(eco -30%)

Video surveillance

Lighting management

Load management

Consumption management
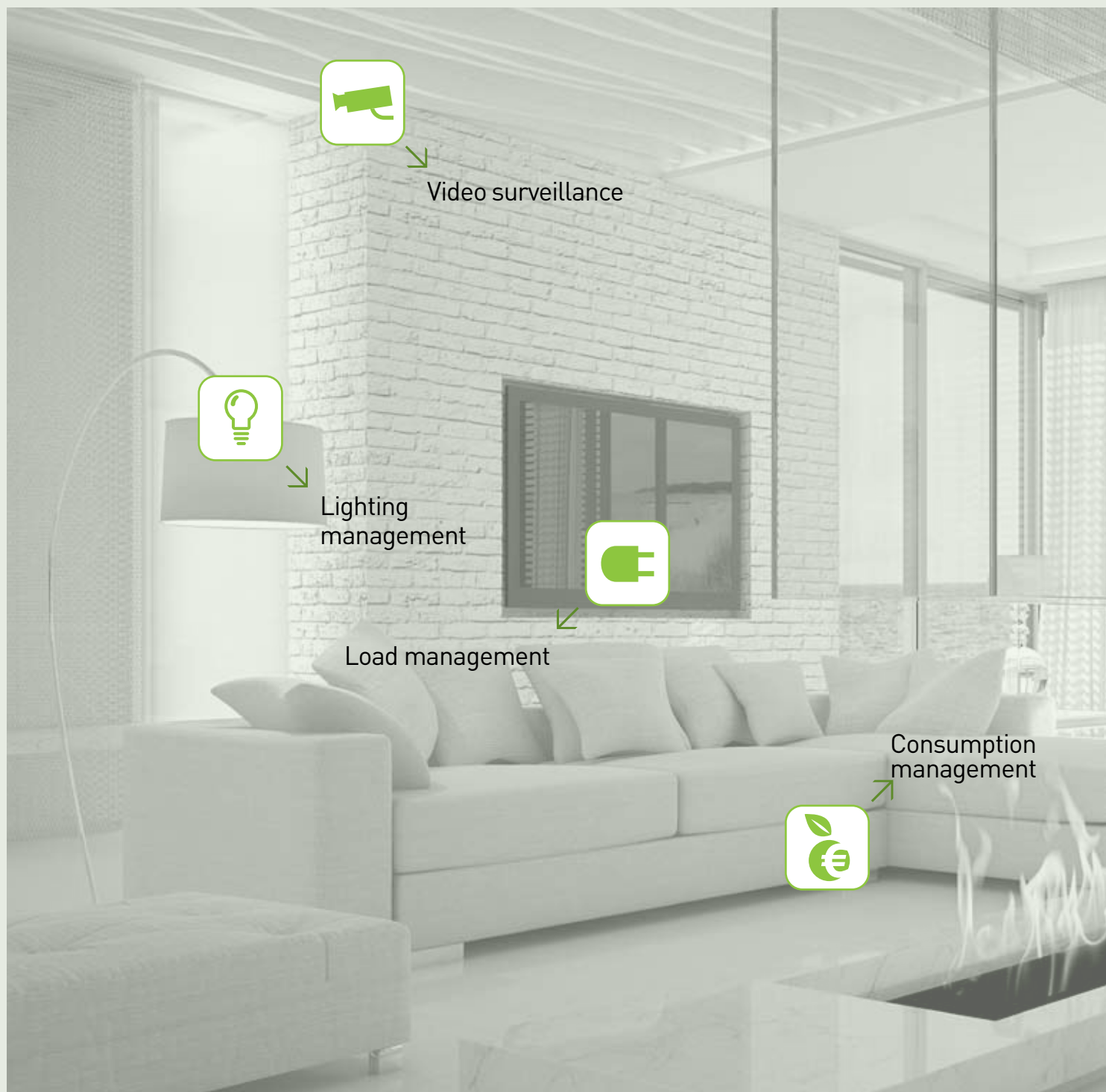
It means peace of mind

It means comfort

Remote management means YOU CAN BE AT HOME WHEREVER YOU GO

Intruder alarm

Door and gate automation

Supervisors

Climate control

It means security

It means savings

COMFORT, SAVINGS, CONTROL

Lighting management

Door and gate automation

Climate control

Load management

Irrigation

Video entry

09/08/14 - 16:30

Alarm

Scenarios

Scenarios

Consumption
management

Intruder alarm

Video surveillance

Supervisors
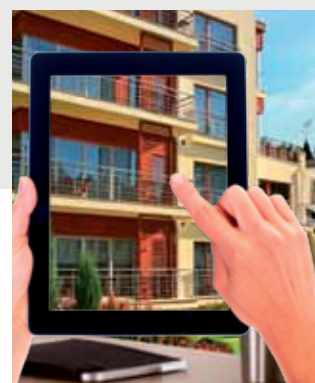
Lighting management

The dynamics of the modern lifestyle tend to speed up the pace of our activities. It's almost inevitable that the distraction that accompanies a hurried departure can cause forgetfulness that can often be costly. Leaving the lights on in the home soon starts to take its toll on the bottom line of the electricity bill. That's why Comelit has designed an integrated lighting management system. Apart from the practical "Go Out" scenario, which transmits a series of programmable commands, the system can switch off house lights automatically when it detects that there's no one home.

- Simplified management of all types of lighting: classic, dimmer, RGB coloured, timed or timer-activated
- Switch-off during absence in conjunction with intruder alarm system sensors
- Instant displaying of illuminated lights in every room, with the option of controlling them individually or by room
- Setting of customised timers for each switch-on or by room
- Option of choosing the status of each individual light in a scenario, to recreate situations with optimal lighting comfort
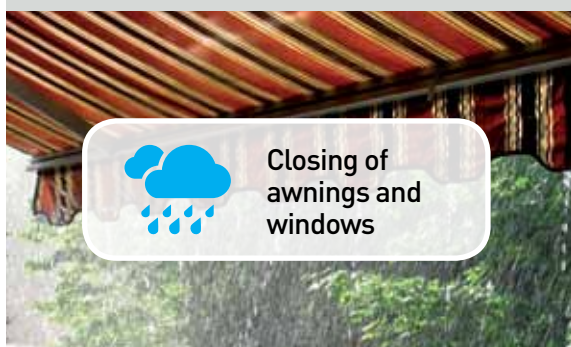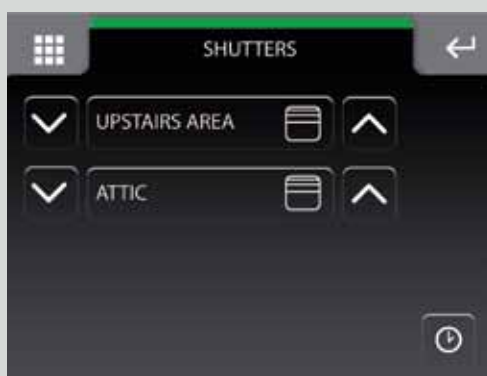
Door and gate automation

It's just started raining but there's no one home and you left the windows open! An especially frequent occurrence during the summer months, when sudden short but intense storms and cloudbursts can seriously damage homes. The SimpleHome automation system is equipped with intelligent devices capable of closing windows and rolling shutters automatically in the event of hazardous atmospheric conditions. Security combined with convenience, every day: all it takes is a simple touch to activate automatic closing or opening of all the main entrance and exit points around the home.

- Individual or "by room" control of rolling shutters or automated openings
- Setting of customised timers for each opening or by room
- Entry of individual roller shutters in scenarios
- Option of controlling Venetian blinds by adjusting the slats

SHUTTERS

UPSTAIRS AREA

ATTIC

Closing of awnings and windows

Opening and closing of all windows in a single command

Climate control

Customised heating or cooling of the rooms in your home or workplace is now - more than ever - an important consideration when it comes to quality of life. You must then bear in mind that climate control is often the most costly energy load. SimpleHome home automation can be used to conveniently and selectively manage the activation and deactivation of climate technology, in perfect harmony with the current requirements of the individuals inhabiting the space.

- Quick displaying of recorded and set temperature values in each individual room
- Automatic mode for scheduling activations at different times, every day of the week
- Countdown mode for achieving the ideal climate after an extended absence or to force a desired temperature in the event of non-programmed situations
- Displaying of the daily graphic for the set scheduling
- Reading and setting of the temperature, with precision to tenths of a degree
- Easy and intuitive setting of weekly scheduling with a table summarising the settings
- Option of setting a scenario with a different temperature for each of the controlled zones
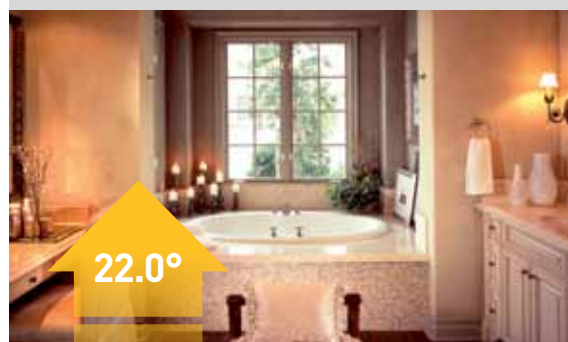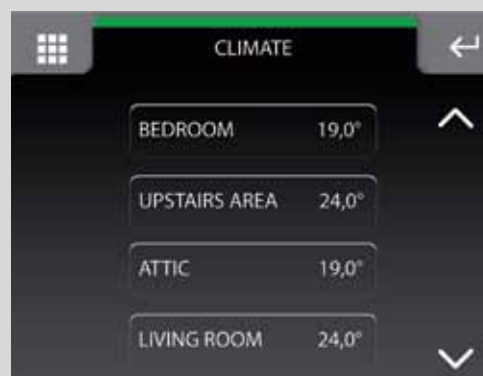
Load management

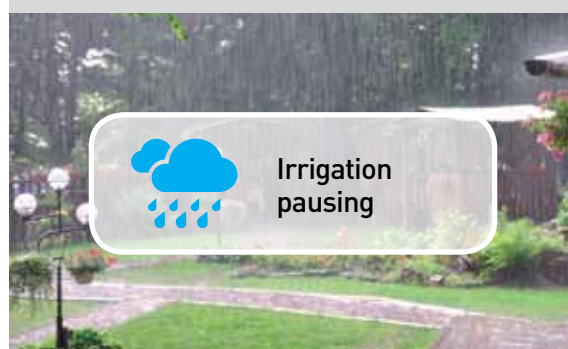Automatic load management to prevent disconnection of the electricity meter.

- Option of selecting a list of loads which should be deactivated to prevent disconnection of the electricity meter
- Option of temporarily removing individual loads from the disconnection list
- Indication of load control function activation
- Option of customising the disconnection time of each individual load
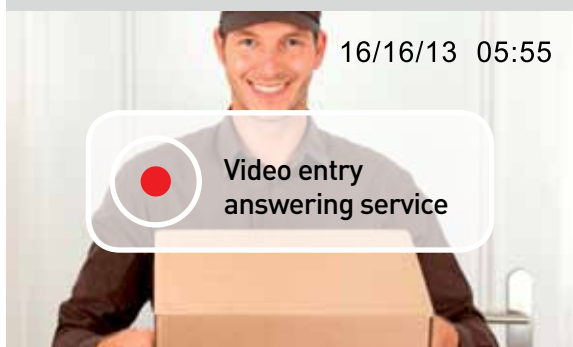- Checking of the power available in the system before load reactivation

Irrigation

Comelit home automation has also demonstrated innovation and convenience when it comes to green pursuits. Compared to traditional irrigation systems which are only activated in line with programmed time schedules, Comelit SimpleHome system irrigation also takes place in accordance with the climate and weather conditions. This results in intelligent coordination of the system in the event of rainfall, helping you avoid wasting water and money.

- Independent irrigation zone management
- Setting of customised timers for every day of the week and for each irrigation zone
- Setting of an input connected to a rain sensor to stop irrigation in the event of rainfall
- Option of creating scheduled scenarios for the simultaneous activation of several zones
- Manual temporary deactivation and reactivation of the timers

IRRIGATION

OFF SOUTH GARDEN ON
OFF WEST GARDEN ON
OFF NORTH GARDEN ON

Irrigation pausing

VIDEO MEMORY

Video entry

Planux Manager is much more than a door entry monitor. With the Sensitive Touch solution, a simple touch is enough to activate all the functions of a traditional door entry monitor and much more besides, including video message recording and ringtone customisation.

All this in a cutting-edge, ultra-flat range, equipped with an SD card for storing, exporting and importing music videos and ringtones. A solution with automatic display and command activation every time an external call takes place.

- Door entry monitor function with touch screen monitor and sensitive touch keys
- Door-Entry phone answering service with CALL recording
- Ringtone customisation
- Export and addition of video clips and melodies using an SD card

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Video entry answering service

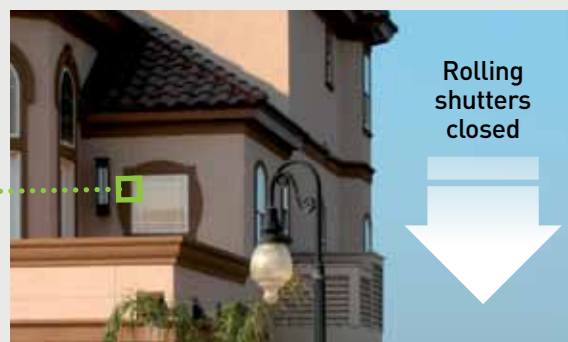**SD** **Video clip export Ringtone customisation**

Scenarios

THE ONE-SHOT SCENARIO. ONE TOUCH. AND EVERYTHING CHANGES.

A single command can be used to activate a series of totally customised and customisable functions whenever the need arises. For example, the EXIT scenario can include lighting deactivation, rolling shutter closure, temperature adjustment and alarm activation. The SIMULATE OCCUPATION option can include rolling shutter opening and light activation, just as if someone was at home. **SCENARIOS CAN ALSO BE MANAGED REMOTELY** (remote control function on PC, tablet or smartphone).

Rolling shutters closed

Alarm activated

Going out

Going out. All functions are activated in a single step: roller shutters are lowered, lights switched off, the alarm enabled and the gas and water solenoid valves shut off.

Gas and Water solenoid valves closed

18.0°

Temperature lowered

7:15 am
Rolling shutters
opened

10:30 am
Sun awnings
unravelled

18.05 pm
Lights and irrigation
system switched on

00:25 pm
Washing
machine starts

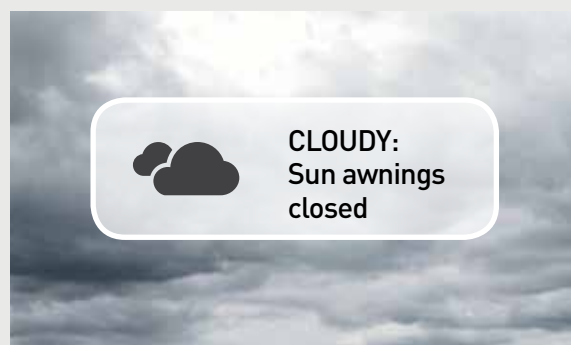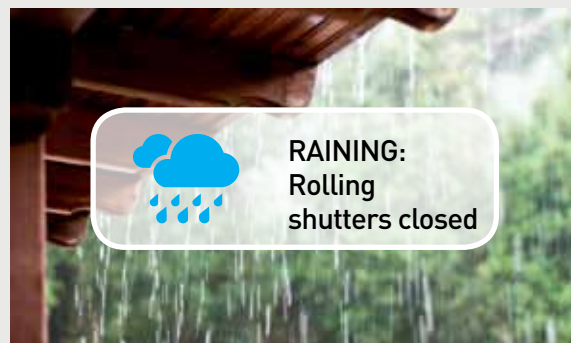# THE SCHEDULED SCENARIO. INDULGENT RELAXATION, AS YOU SAVE EVERY DAY.

When programming becomes a pleasant part of your everyday routine. The system saves commands and functions according to the timescales set by the user and activates them automatically, day after day. For example: every morning at 7:15 the roller shutters are opened and the rooms reach the ideal temperature, at 10:30 the sun awnings are lowered, at 18:00 the irrigation system is activated and at 22:00 the garden lights are switched on, the alarm is enabled, the sun awnings are retracted and the rolling shutters are closed, then at 24:00 the washing machine starts in order to save time and money.
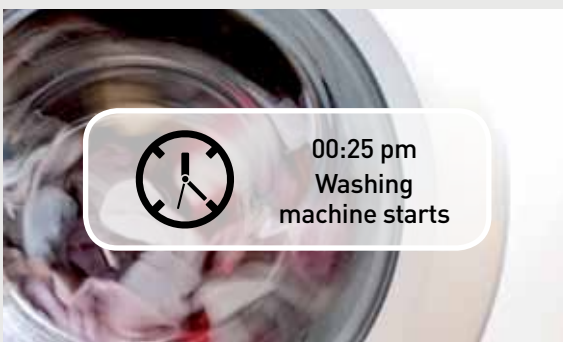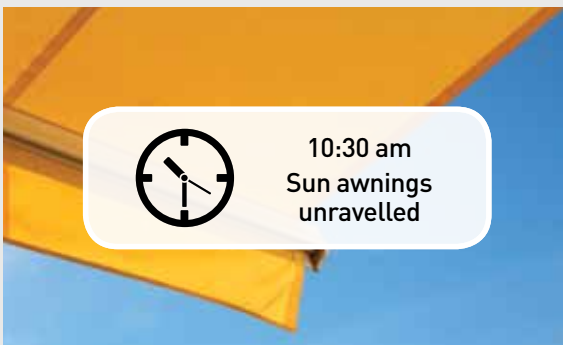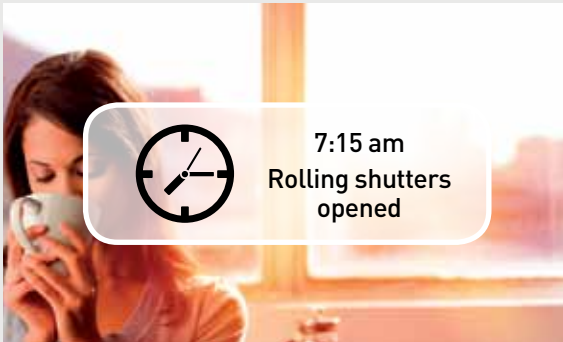
Scenarios

THE CONDITIONED SCENARIO.
READY FOR ANYTHING.

A "thinking" solution which autonomously controls the running and deactivation of functions in accordance with specific situations or quotas. The conditions applied to the system are: rain and wind detection, sunlight exposure and the detection of gas in rooms within the home. For example: if it rains, the conditioned scenario can include rolling shutter lowering, irrigation system locking and sun awning retraction.

RAINING:
Rolling shutters closed

WINDY:
Sun awnings closed

CLOUDY:
Sun awnings closed

GAS LEAK:
Solenoid valve closed

THE CUSTOMISED SCENARIO. EACH KEY OPENS A WORLD OF OPTIONS. A TAILORED SOLUTION.

An authentic "access key" to SimpleHome functions, which can be used to activate only the scenarios for which it is programmed. It is available in various colours, each representing a customised programming in accordance with the user's requirements. If a key is lost, it can be deactivated so that all its functions are erased.

- Used with the intruder alarm system to carry out enabling, disabling or partialisation
- Used with Planux Manager and MiniTouch, it offers the option of activating two different entrance and exit scenarios for each registered key
- Used with the door entry monitor external unit, it allows direct opening of the pedestrian gate

"

Every member of the family has their own key, as does the gardener, who only has access to permitted areas.
For example, when I pass my key near the reader, I can open the gate and my box, open the rolling shutter in my bedroom and start the climate control unit all at the same time.
All in one easy step!

"

Giulio, Father
The head of the household, he can access everything

Luca
Disables the alarm, opens the rolling shutters and disables climate control

Giuseppe, Gardener
Only opens the gate and the garden areas

Antonio, Painter
Opens the gate and provides access only to the areas in which he needs to work

Consumption management
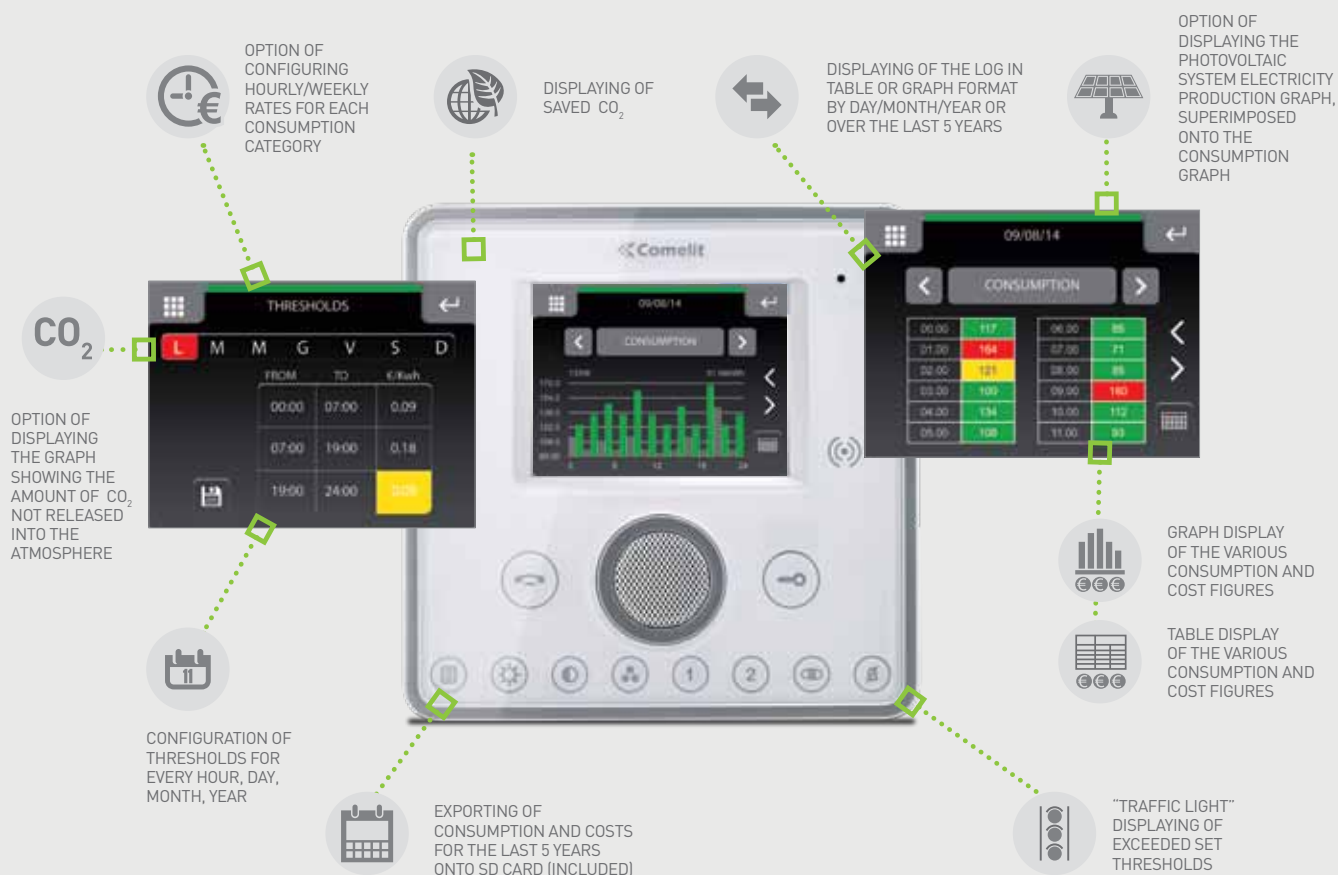
CONSUMPTION MONITORING
CAN HELP YOU SAVE UP TO

30%

MONITORING CONSUMPTION AND REDUCING ENERGY BILLS

Thanks to the evolution of Comelit home automation, it is now possible to keep electrical loads under control, monitor and control consumption and choose where and how to optimise the various home automation functions. Keeping the temperature under control and automatically managing climate control means significant savings can be made as you enjoy customised room-by-room wellbeing. Comelit home automation offers constant monitoring of consumption conditions, precisely and logically adjusting the various devices to limit consumption and create the ideal climate in every room of the house. With Comelit home automation, the function is consumption monitoring, understood to include gas, water, heating energy, electricity at the various socket points, energy produced by the photovoltaic system, etc.

OPTION OF CONFIGURING HOURLY/WEEKLY RATES FOR EACH CONSUMPTION CATEGORY

DISPLAYING OF SAVED CO_2

DISPLAYING OF THE LOG IN TABLE OR GRAPH FORMAT BY DAY/MONTH/YEAR OR OVER THE LAST 5 YEARS

OPTION OF DISPLAYING THE PHOTOVOLTAIC SYSTEM ELECTRICITY PRODUCTION GRAPH, SUPERIMPOSED ONTO THE CONSUMPTION GRAPH

CO_2

OPTION OF DISPLAYING THE GRAPH SHOWING THE AMOUNT OF CO_2 NOT RELEASED INTO THE ATMOSPHERE

GRAPH DISPLAY OF THE VARIOUS CONSUMPTION AND COST FIGURES

TABLE DISPLAY OF THE VARIOUS CONSUMPTION AND COST FIGURES

CONFIGURATION OF THRESHOLDS FOR EVERY HOUR, DAY, MONTH, YEAR

EXPORTING OF CONSUMPTION AND COSTS FOR THE LAST 5 YEARS ONTO SD CARD (INCLUDED)

"TRAFFIC LIGHT" DISPLAYING OF EXCEEDED SET THRESHOLDS

Intruder alarm

Burglary and acts of vandalism in the home are among the most frequent crimes. The frequency of this kind of incident means that homeowners need to find more effective ways of protecting their property and their privacy. Comelit intruder alarm systems, which can be managed via the home automation network, are ultra-modern "technological guardians" that can detect any attempt at violation and quickly alert the user accordingly. With solutions such as the innovative VEDO system, everything that happens in the home can also be controlled remotely using a computer or mobile phone.

- Alarm signalling with display startup and indication of the area in alarm
- Timed or instant activation and deactivation
- Live displaying of wired or radio zone status
- Displaying of individual area status
- Indication of area in alarm log
- Indication of control unit faults
- Option of entering different commands for each area in scenarios which can be activated from a transponder key or from a local menu

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Video surveillance

Comelit home automation also includes the most reliable solutions for monitoring buildings and residences using video cameras. Video surveillance functions can protect the entire space within a home - or specific areas or rooms - from intruders. The system guarantees the very highest levels of protection, creating a security scenario that discourages even the most expert of thieves. You can see what is going on in the house at any moment (intrusion attempts, doors or windows left open, false alarms etc.) with images also accessible remotely.

■ LIVE displaying of images from analogue cameras

■ Option of "cycling" the display between up to 12 cameras using the front button

■ Display from the video entry phone system external units

Supervisors

Planux Manager has been given an even friendlier and more intuitive user interface, controllable with a single fingertip. Planux Manager can be used to control temperatures, automatically switch off lights and regulate individual fixtures in a programmed and selective manner. This all translates into a significant reduction in consumption, saving up to a third on the normal household bill.

Planux Manager offers door entry monitor, alarm keypad, programmable thermostat and home automation system supervisor functions in a single unit, thus dispensing with the need for several devices scattered around the house. Lastly, this one instrument offers constant control of home technology, with programming of all the associated functions. Plus, it is now also available as a Planux Manager LUX version: the same technology combined with a stylish glass surface.

MiniTouch is the compact home automation supervisor, the result of a design developed entirely in Italy. MiniTouch offers simple, intuitive and efficient supervision for the operation of all systems and devices in the home, including heating, load control, automations and alarm systems.

- TOUCH SCREEN DISPLAY
- INTEGRATED PROXIMITY READER, which can be used to activate scenarios with a simple swipe of the key
- BUILT-IN TEMPERATURE SENSOR, which transforms MiniTouch into a thermostat
- MAGIC LIGHT INDICATOR, LED system that can be used to display active functions in real time (alarm, cooling or heating) by means of light projected onto the wall.

SimpleManager
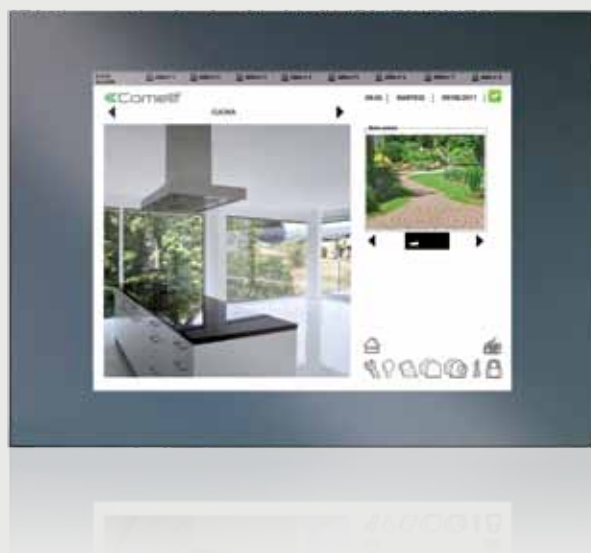
Simple Manager by Comelit simplifies the management of all technological functions of the smart home: from safety devices to lighting, climate control and home comfort systems.

The interface screens faithfully reproduce the rooms in your home, thanks to the option of photographing them and uploading the images to the supervisor touch screen. Simple Manager is available as a 10.4" version, supplied with supervision software.

SerialBridge

Serial Bridge is the SimpleHome home automation supervisor used to manage your system wherever you are, directly from a smartphone, tablet or PC. When you are in a rush, you might forget to switch off a light, to activate the intruder alarm system or to lower the temperature on the thermostat, etc...

Serial Bridge, which does not require any software or application installation, can be used to access your own system via a WEB page and control lights, open or close rolling shutters, activate or deactivate the climate control system, activate scenarios, check the intruder alarm system status and send any necessary commands, etc...

Supervisors: remote management

TEMPERATURE:
20° C

ALARM:
ON

YOU ARE ALWAYS AT HOME, WHEREVER YOU GO.
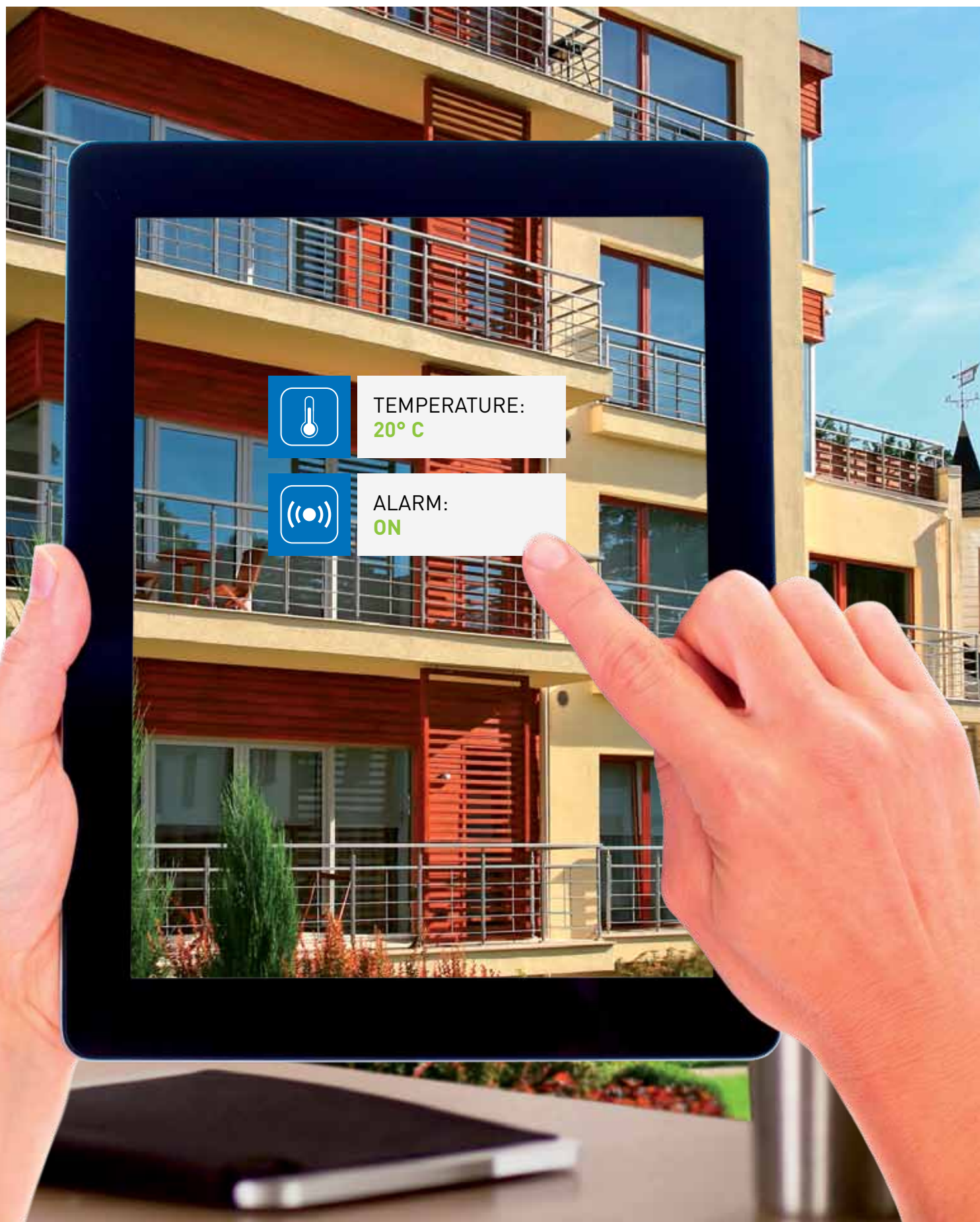
Access all your home automation systems.
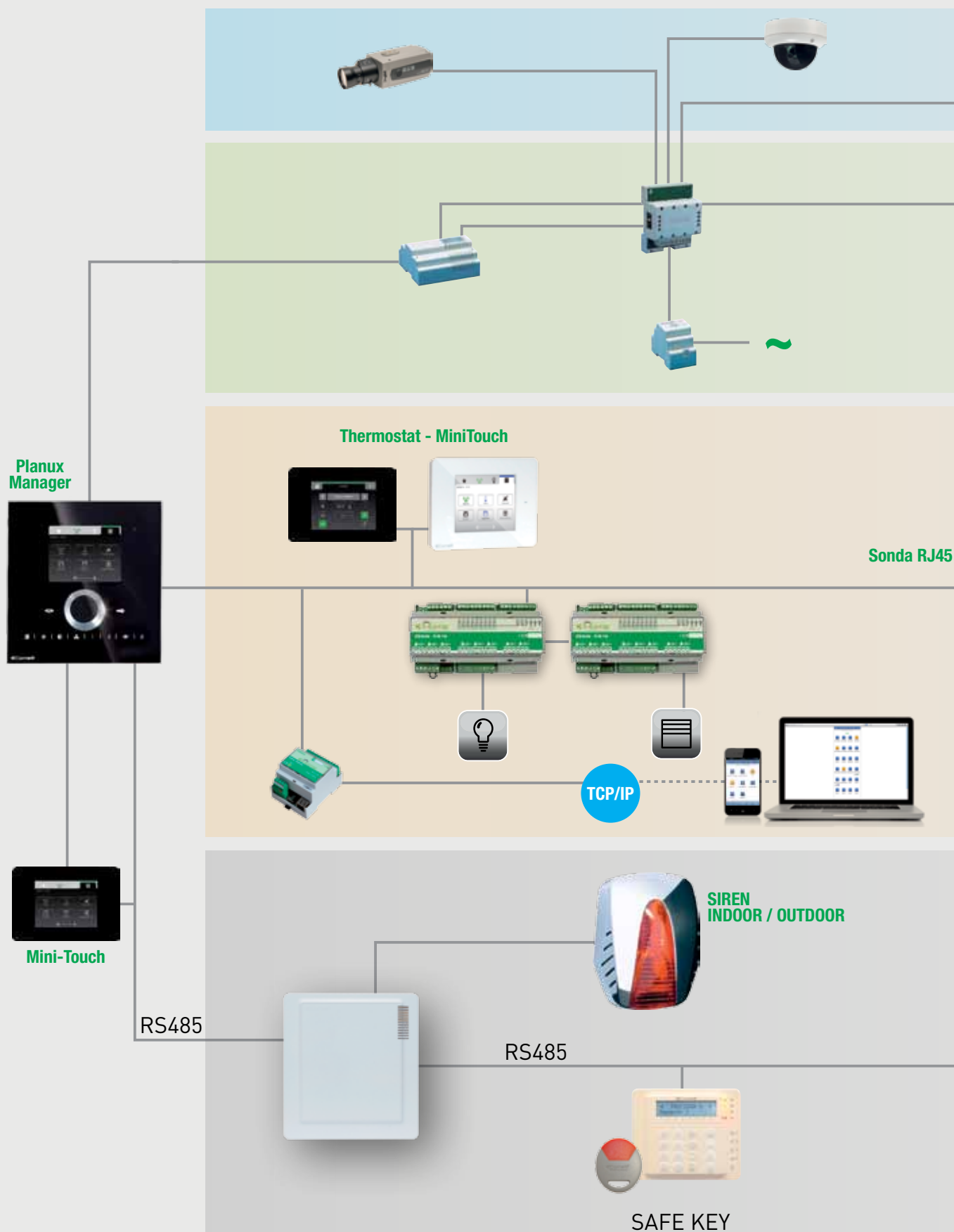**Wherever you are, with a single touch.**

Comelit home automation follows you everywhere! Remote control via smartphone, tablet or PC actually allows you to keep track of what is going on at home, send messages to surveillance control units, check the progression of events and, if necessary, resolve false alarms instantly. Visual remote checking also immediately lets you know why the system was "alerted", so that you can decide whether to intervene. Once the problem has been checked, you can proceed to the intervention stage, triggering audible alarms, notifying the law enforcement authorities, etc. In the event of a false alarm, on the other hand, as well as benefiting from instant peace of mind, you can decided whether you need to go home quickly or not.

- Checking or activating the intruder alarm system
- Adjusting each individual climate zone
- Activating scenarios for your return
- Checking or activating all functions: lights, electrical sockets, irrigation, rolling shutters, etc.

COMELIT SYSTEMS
INTEGRATION DIAGRAM

Planux Manager

Thermostat - MiniTouch

Sonda RJ45

TCP/IP

Mini-Touch

SIREN INDOOR / OUTDOOR

RS485

RS485

SAFE KEY

CCTV

VIDEO ENTRY

HOME AUTOMATION

INTRUDER ALARM

SAFE TOUCH

THERMOSTATIC
SENSOR RFID

EXPANSION
module 8I / 8O

PRODUCT CATALOGUE

HOME
AUTOMATION

PLANUX MANAGER

PLANUX MANAGER LUX

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20003201 — Glass 10"Touch screen - SimpleManager software

SimpleHome 10" touch-screen with flush-mounted box and glass frame. Complete with SimpleManager software with hardware license key included. Enables you to display and supervise home automation, intruder alarm and video monitoring systems on graphic maps (jpeg or bmp). You can manage the system via a web browser from a PC, tablet or smartphone with no installation necessary and up to a maximum of 2 users connected. The device can be connected to the LAN, and features Windows 7 operating system, 10" display, 1024x768 resolution, capacitive touch-screen, 16Gb solid-state memory, 2Gb of RAM, 10/100/1000 Mbps network interface, 2 RS232 serial ports, 2 USB 2.0 ports, built-in speaker and microphone, 12V DC power supply (art.43025 can be used). Flush-mounted box (Bticino art.16104) included, protrusion from wall 5mm.

20034801W — Planux Manager 3.5" Touch screen - white supervisor

Planux Manager 3.5" touch screen with integrated SimpleBus TOP video entry function. Colour monitor with 3.5" touch screen. Full-duplex video entry function, audio adjustment, customisable chimes. To be connected to the SimpleHome BUS for management of automation systems such as lights, loads, shutters, climate control, scenarios and irrigation, and to the SimpleSafe system for display and control of the intruder alarm system. Bracket 6214C not included. Colour: white. Dimensions: 145x145 mm. Protrusion from the wall when used with flush-mounted box: 8 mm. Consumption: 3W.

20034801B — Planux Manager 3.5" Touch screen supervisor, black

Planux Manager 3.5" touch screen with integrated SimpleBus TOP video entry function. Colour monitor with 3.5" touch screen. Full-duplex video entry function, audio adjustment, customisable chimes. To be connected to the SimpleHome BUS for management of automation systems such as lights, loads, shutters, climate control, scenarios and irrigation, and to the SimpleSafe system for display and control of the intruder alarm system. Bracket 6214C not included. Colour: black. Dimensions: 145x145mm. Protrusion when flush-mounted: 8mm. Consumption: 3W.

20034801W/C — Planux Manager 3.5" Touch-screen lux white supervisor

Planux Manager 3.5" colour touch-screen with glass cover. Integrated SimpleBus TOP video door entry system, full-duplex audio, volume control, customisable ringtones. For connection to the SimpleHome BUS for managing the automation system, such as lights, loads, roller shutters, climate control, scenarios, irrigation, energy consumption and the SimpleSafe system for viewing and controlling the intruder alarm system. Bracket 6214C or 6214KC not included. Colour: white. Dimensions: 160x167x40mm. Max input current: 3W.

20034801B/C — Planux Manager 3.5" Touch-screen lux black supervisor

Planux Manager 3.5" colour touch-screen with glass cover. Integrated SimpleBus TOP video door entry system, full-duplex audio, volume control, customisable ringtones. For connection to the SimpleHome BUS for managing the automation system, such as lights, loads, roller shutters, climate control, scenarios, irrigation, energy consumption and the SimpleSafe system for viewing and controlling the intruder alarm system. Bracket 6214C or 6214KC not included. Colour: black. Dimensions: 160x167x40 mm. Max input current: 3W.

20034607W

3.5'' MiniTouch SimpleHome supervisor - white

Mini-Touch 3,5" with a supervisory function. To be connected to BUS SimpleHome for the management of the automation system to control lights, loads, shutters, climate, scenary and the irrigation system and to SimpleSafe system for visualisation and operation of the burglar alarm syste . Integrated temperature sensor, 1 changeover relay output. RFID integrated reader to activate scenarios from transponder art.SK9050. RGB adjustable and Magic Light Indicator function with change of colour depending on the status of the areas climate and according to the status of the burglar system. Suitable for installation on standard box 3 modules or civil series. size 125x85mm. 10mm projection wall. Consumption 2W.

20034607

3.5" MiniTouch SimpleHome supervisor

3.5" MiniTouch with supervisor function. To be connected to the SimpleHome BUS for management of automation systems controlling lights, loads, shutters, climate, scenarios and irrigation, and to the SimpleSafe system for display and control of the intruder alarm system. Built-in temperature sensor, 1 switching relay output, 3 transistor outputs to control a 3-speed fan-coil. Built-in RFID reader for activation of scenarios using transponder art. SK9050. Variable backlighting according to the status of the system climate areas, according to the intruder alarm system status or with an adjustable colour steplights function. Can be fitted in a standard 3-module wall box for residential series. Dimensions: 125x85mm. Protrusion from wall: 10mm. Consumption: 2W. Colour: Black.

20090334

SimpleHome web server serial bridge module

Multifunctional module for automation and intruder alarm systems, capable of functioning as a weekly schedule programmer. Enables commands to be sent to outputs, zones, scenes or thermostats in the SimpleHome system. Allows a SimpleSafe intruder alarm system to interface with the SimpleHome home automation system. Enables the creation of logic rules for the generation of an event. Allows the user to directly access the safety and domotics systems from an internet browser, in order to control the safety system or the automation system by means of simple commands. The system is configured via the web interface. Also equipped with 2 inputs and one relay output. Communication ports: SimpleHome bus, RS232, RS485, Ethernet - Power input: 12/24V DC - Dimensions: 4 DIN modules.

6214C

Simplebus color bracket for Planux Memo and Planux Manager

Bracket for Simplebus Color system, required for the Planux Memovideo or Planux Manager monitors. Manages door call function and call repetition as standard. Dimensions: 96x106x17mm. Fitted with branch terminal art. 1214/2C

6214KC

Simplebus bracket for planux memo and planux manager

Bracket for Simplebus Color system, required for the Planux Memovideo or Planux Manager kits monitors. Manages door call function and call repetition as standard. Dimensions: 96x106x17mm.

20002201B

Spare black faceplate for Planux Manager

Spare faceplate for Planux Manager monitor, black.

20002201W

Spare white faceplate for Planux Manager
Spare faceplate for Planux Manager monitor, white.

6112

Desk base with support for Planux Monitor
Desk base allowing the transformation of the Planux monitor into a tabletop unit, complete with 2 x 2 metre cables with RJ45 connectors: one for connection to the ViP network and the other for connecting the supplementary terminals to the support. Dimensions: 145x190x120 mm.

6117

Flush-mounted box for Planux and Smart monitors
Flush mounted box for Planux and Smart monitors Dimensions: 132x132x50mm

6120

Low profile wall support for Planux monitor
Short wall support for Planux monitor. Not compatible with tilt adjustment accessory art. 6122. Dimensions: 145x145x26 mm.

6121

High profile surface mounting support for Planux monitor
Long surface mounting support for Planux monitor. Compatible with tilt adjustment accessory art. 6122. Dimensions: 145x145x45 mm.

43025

Power supply for DIN rail, input 230VAC, output 12VDC/2.5A
Power supply applicable to din rail (6 modules), input from 110 to 254 VAC/50-60 Hz, output 12 VDC/2.5 A with screw terminals.

MODULES

TWO TYPES OF MODULE FOR ALL INSTALLATION REQUIREMENTS

FLUSH-MOUNTED MODULE

- Installation in flush-mounted boxes for civil series

- Optimisation of the number of cables and ducting

- Ideal for adapting traditional electrical systems

DIN RAIL MODULE

- Installation in switchboard or junction box with DIN rail

- Optimisation of the number of modules

- Inputs and outputs on the same module

FUNCTIONAL ADVANTAGES OF THE MODULES

The SimpleHome home automation modules have inputs and outputs built into the same module, to optimise the number of units installed and make wiring easier.

- Switching contact and separate common on the DIN rail modules with 16A relay
- Option of sending scenario commands from all modules with digital inputs
- Option of sending scenario commands to supervisors in order to activate pre-set scenarios

- Flush-mounted temperature sensor compatible with all civil series
- MiniTouch timer-thermostat panel for on-board management and programming of the climate zone, or for programming and scheduling the entire temperature regulation system
- Option of controlling and adjusting multicoloured RGB lighting to create optimal comfort
- Modules for metering electricity, gas, water, heat consumption, etc.... for viewing summary graphs and tables on the supervisors

LIGHTING MANAGEMENT, DOOR AND GATE AUTOMATION, IRRIGATION, CONSUMPTION MANAGEMENT

	20004601	**Wall-Mount/DIN home auto mod, 3 optocoupled dig. inputs** Interface on SimpleHome bus with 3 inputs and 3 outputs (configurable), comprising 1 16A NO/NC relay and 2 with transistors for controlling an external relay Art. 20004603. For flush or DIN-rail mounting. Dimensions: 42x42x18mm (1 DIN module). Max input current: 115mA.
	20004602	**Flush-Mount/DIN home auto mod, 1 16A relay power output** Interface on SimpleHome bus with one 16A NO/NC configurable relay. For flush or DIN-rail mounting. Dimensions: 42x42x18mm (1 DIN module). Max input current: 20mA.
	20046501	**SimpleHome flush-mounted module with 5 digital inputs (5i)** SimpleHome module with 5 digital inputs (4 normal + 1 scenario) for the connection of up to 5 buttons in flush-mounted or surface-mounted boxes. Dimensions: 41x29x9 mm. For connection to SimpleHome BUS. Consumption: 22mA.
	20046502	**SimpleHome module 5 inputs and 4 transistor outputs (5I4O)** SimpleHome module with 5 digital inputs for connection of up to 5 buttons (4 normal + 1 scenario) and 4 transistor outputs for the direct connection of the indicator lights at 24 Volts (max. 50 mA) or relay interfaces (e.g. 20046912 and 20004692).
	20046604	**SimpleHome module 5 inputs, 4 16A outputs on DIN (5I4O16A)** SimpleHome module with 5 optically coupled inputs (4 normal + 1 scenario), for connection of buttons in the vicinity of the electrical panel and 4 relay outputs with N.C./N.O. switching contact to control resistive electrical loads up to 16A.
	20046605	**SimpleHome module 9 inputs and 8 6A outputs on DIN (9I8O6A)** SimpleHome module with 9 optically coupled inputs (8 normal + 1 scenario), for connection of buttons in the vicinity of the electrical panel and 8 relay outputs with N.O. contact (1 common for every 4 outputs) to control resistive electrical loads up to 6.
	20046606	**SimpleHome module 9 inputs, 8 16A outputs on DIN (9I8O16A)** SimpleHome module with 9 optically coupled inputs (8 normal + 1 scenario), for connection of buttons in the vicinity of the electrical panel and 8 relay outputs with N.C./N.O. switching contact to control resistive electrical loads up to 16A.
	20004603	**Flush-mount/DIN home auto mod, expansion 2 10A relays** Interface with 2 10A NO/NC configurable relay outputs with single common connection. Ideal for controlling roller shutters or lights. Not suitable for controlling fluorescent or LED lights, or heavy loads. For connection to 24V DC transistor outputs (e.g. art.20004601 or art.20046502). For flush or DIN-rail mounting. Dimensions: 42x42x18mm (1 DIN module).

20004692   **Flush-mounted SimpleHome interface 2 solid state 2 a relays**
Flush-mounted interface with 2 solid state relays, 2 N.O. outputs with single common reference. Ideal for controlling low energy lighting, such as energy saving, LED and fluorescent lamps. Maximum current: 2 A. For connection to 24 Vdc transistor outputs (e.g of module art. 20046502). Dimensions: 63x53x22 mm.

20046912   **SimpleHome flush-mounted interface with two 6 a relays**
Flush-mounted interface with two 6 A relays, 2 N.O. outputs with single common reference. Ideal for controlling shutters or resistive loads up to 6 A. Not suitable for controlling fluorescent, LED and low energy lights or high loads. For connection to 24 Vdc transistor outputs (for example, module art. 20046502).

20046810   **SimpleHome module 2 inputs, 2 analogue outputs DIN (2I2O)**
SimpleHome module with 2 inputs and 2 analogue 0-10 V outputs, the 2 outputs can be used to control dimmers or ballasts with 0-10 V input for controlling light sources. Dimensions: 53x90x58 mm (3 DIN modules). Art. 20046708 (flush-mounted temperature sensor) cannot be connected. Consumption: ← 40 mA.

20004600   **SimpleHome interface for dali and DMX protocols**
Module allowing the SimpleHome BUS to interface with the DALI BUS or DMX BUS. The interface is used to transmit commands for activation or deactivation of groups of lamps connected to the systems. Lamp status can also be received and shown on supervisor panels such as Planux Manager or Mini Touch. The module can control up to 64 individual lamps on both BUS devices (DALI/DMX) or up to 21 RGB lamps. Dimensions: 3 DIN modules. Consumption: ← 50 mA. The module does not allow programming or powering of modules connected to DALI or DMX BUS devices.

CLIMATE CONTROL

	20004100	**Precision thermostatic sensor on RJ45 adapter** Sensor for measuring indoor temperature, measuring range 5 to 30°C. For direct connection to SimpleHome BUS for climate control. Measuring and adjustment precision 0.1°C. Can be installed on any residential/commercial series using Keystone adapter. Max input current: 5mA.
	20003001W	**White, timer/thermostat-controlled 3.5" MiniTouch** 3.5" MiniTouch with timer/thermostat function. For connection to SimpleHome bus. Enables you to control, monitor and programme all of the system's climate control zones (sensors, thermostats, minitouch). Built-in temperature probe, 1 exchange relay output, 3 transistor outputs for controlling 3 fan-coil speed settings. Back-lighting according to the status of the climate control zones or with route-marker function with adjustable colours. Can be installed on 3-module box for residential/commercial series. Maximum input current: 2W. Colour: white.
	20003001	**3.5" SimpleHome MiniTouch, programmable thermostat version** 3.5", Mini Touch with programmable thermostat function. For connection to the SimpleHome bus. Integrated temperature sensor, 1 switching relay output, 3 transistor outputs to control a 3-speed fan-coil. Yellow backlighting in accordance with thermostat status or with adjustable colour steplights function. Can be fitted in a 3-module wall box for civil series.
	20046707	**SimpleHome flush-mounted module 2 0-10V analogue inputs (2I)** SimpleHome module with 2 standard 0-10 V analogue inputs with compact dimensions, allowing insertion in normal civil series wall boxes, coupled with the temperature sensor can command a digital output of any bus module controlling a zone valve. Dimensions: 41x29x9 mm. Consumption: ← 5 mA.
	20046708	**0-10 V SimpleHome temperature sensor module** SimpleHome flush-mounted temperature sensor with 0-10 V output, measuring range from 5 to 30°C. For connection exclusively to the SimpleHome module with 2 analogue inputs (art. 20046707) for climate control. Measurement precision of 0.1°C. Dimensions: 25x38x11 mm. Maximum distance between temperature sensor and module with 2 analogue inputs (art. 20046707): 15 m (with shielded cable).
	20046709	**Flush-mounted SimpleHome LCD thermostat module** Thermostat module with integrated temperature sensor and LCD display for viewing and adjusting room temperature, equipped with a manual selector summer/winter/off selector and an input for switching between day/night modes, can control a solenoid valve/boiler via the on-board relay or via any digital or powered output on the SimpleHome modules. Can be used to control a 3-speed fan-coil. Dimensions: 3 flush-mounted modules on civil series, supplied with adapters for common civil series. Consumption: ← 20 mA.

MEASURE

20046821

SimpleHome load and DIN consumption management module (CT)
SimpleHome module for connection to BUS, to measure the electricity absorbed or produced in a 230 Vac single-phase system. For three-phase systems use one 20046821 module for each phase. Option of programming disconnection of 8 loads connected to SimpleHome modules as a result of a pre-set power threshold being exceeded. When used in conjunction with compatible supervisors, allows viewing of consumption or production data in graph and table format. Max. power that can be measured: 10 KW. Equipped with an external CT (internal diameter 12 mm). Dimensions: 36x90x58 mm (2 DIN modules). Max input current: 35 mA.

20004604

Pulse meter module
Interface on SimpleHome BUS with 3 pulse inputs, for connection to pulse output meters (e.g. water, gas, energy) which, in conjunction with a supervisor (e.g. Minitouch or Planux Manager) allows the viewing of consumption data in graph or table format. For flush or DIN-rail mounting. Dimensions: 42x42x18 mm (1 DIN module).

MODULES

	20022101	**SimpleHome switching power supply unit 24 VDC on DIN** Paralellable, self-protected power supply unit for SimpleHome system, 24 Vdc 2 A, supplies power to the modules in the SimpleHome BUS system. Can deliver up to 2 A and, in the case of higher power consumption, several power supply units can be connected on the bus, distributed in different parts of the system, the power supply unit is equipped with a relay output contact for fault signalling. Dimensions 71x90x58 mm (4 DIN modules).
	20022611	**Simplehome/RS232 programming interface** Connection interface between the SimpleHome BUS and a PC with RS232 serial port. Allows system configuration using SimpleProg software (included) or via connection of a supervision touch screen. Several interfaces can be connected simultaneously on the same bus, dimensions: 41x30x9 mm.
	20022620	**SimpleHome bus separator/regenerator module** SimpleHome BUS separator/regenerator module. Enables you to isolate and regenerate the bus in systems with more than 40 modules. For direct connection to SimpleHome BUS, thereby creating islands of max. 40 modules.
	21047335	**Multifunction GSM telephone dialler** GSM dialler for transmission of alarm signals and reception of commands via SMS: operation as an accessory on the SimpleHome automation bus, where it allows transmission of 40 programmable SMS messages and reception of 40 commands via SMS, and as a stand-alone dialler with 4 inputs and 2 outputs (programmable), one of which can also be used as a gate-opener (CLIP function) and the other as a boiler command, with the option of incorporating a temperature sensor; lastly, can function as a mini alarm control panel with 2 inputs + two 24-hour or 4 alarmable inputs; 12V DC supply voltage. Dimensions: 160x90x58 mm (4 DIN modules).

DETECTORS

30009004

Natural gas detector
Natural GAS (methane) detector, combustible gas detection standard GB15322-2003, white ABS enclosure, gas concentration 8% LEL (4000ppm), stability and repeatability +/– 3 LEL, supply voltage 12V DC, consumption 60mA in standby and 100mA in alarm, output relay C/NC/NO, buzzer 75dB at 1 metre, operating temperature from –10 to +55°C, diameter 115mm x depth 51mm.

30009006

Carbon monoxide detector
Carbon monoxide detector, combustible gas detection standard GB15322-2003, white ABS enclosure, gas concentration 150ppm, gas concentration error +/– 80 ppm, supply voltage 12V DC, consumption 110mA in standby and 150mA in alarm, output relay NC/NO selected via jumper, buzzer 85dB at 1 metre, operating temperature from 0 to +55°C, dimensions 70x115x44mm.

30009009

Flooding detector
Flooding detector, white ABS enclosure, supply voltage 12V DC, consumption 20mA in alarm, 15mA in standby, max. length of external terminals 35mm, selectable NC/NO relay output, option of connecting 8 remote sensors at a max. distance of 100 metres, dimensions 60x90x25mm.

30009091

3/4" GAS solenoid valve for domestic use
¾" gas solenoid valve for domestic use, max. pressure 50kPa/7psi, explosion resistance Exmb T4, activation voltage from 9 to 12V DC, pulse or manual activation, activation time less than 1 second, manual reset, cable length 0.4 metres, brass and plastic enclosure, NBR gasket, operating temperature from –10 to +50°C.

30009092

1/2" gas solenoid valve for domestic use
½" gas solenoid valve for domestic use, max. pressure 50kPa/7psi, explosion resistance Exmb T4, activation voltage from 9 to 12V DC, pulse or manual activation, activation time less than 1 second, manual reset, cable length 0.4 metres, brass and plastic enclosure, NBR gasket, operating temperature from –10 to +50°C.

30009101

Proximity sensor
Proximity sensor, ideal for detecting approaches to protective equipment or structures, adjustable range from 0.3 to 8 metres, detection angle 110°, min. distance between multiple sensors 0.5 metres, warm-up time 2 minutes, reaction time 1 second, supply voltage 9 to 16V DC, consumption 4.5mA in standby and 23mA in alarm, operating temperature from –15 to + 60°C, dimensions 55x105x26mm.

DETECTORS

30099002

Ceiling-mounted photoelectric smoke detector
Ceiling-mounted photoelectric smoke detector, detection area 20 sq.m, supply voltage 12V DC, consumption 300mA in standby, 30mA in alarm, NO/NC potential-free contact, dimensions ø 107x35 mm.

30099003

Ceiling-mounted temperature sensor
Ceiling-mounted temperature sensor, trigger temperature 70°C (5%), supply voltage 12 VDC, NO/NC potential-free contact, dimensions ø 107x35 mm.

ACCESSORIES

	20002101	**Simplehome 3-wire bus shielded cable, 2x1 mm2 + 0.5 mm2**
		Cable for connection of modules communicating on the SimpleHome system 3-wire BUS. 2 x 1 mm2 wires for the power supply and 1 x 0.5 mm2 wire for the communication bus. Aluminium shield.
	20022617	**USB/RS232 converter**
		Device allowing an RS232 port to be used for programming the SimpleHome or Simplesafe system, even on PCs without serial ports; requires a PC equipped with at least one free USB port to which the converter can be connected.
	20061104	**Data plate for home exterior**
		Data plate for exterior of home. Elegant outdoor pre-drilled data plate in plexiglas, complete with 4 screws and spacers. Dimensions 15x10cm.
	SK9050B/A	**Standard blue key fob card** Standard blue key fob card
	SK9050G/A	**Standard green key fob card** Standard green key fob card
	SK9050GB/A	**Standard grey-blue key fob card** Standard grey-blue key fob card
	SK9050GG/A	**Standard grey-green key fob card** Standard grey-green key fob card
	SK9050GO/A	**Standard grey-orange key fob card** Standard grey-orange key fob card
	SK9050GR/A	**Standard grey-red key fob card** Standard grey-red key fob card
	SK9050GY/A	**Standard grey-yellow key fob card** Standard grey-yellow key fob card
	SK9050O/A	**Standard orange key fob card** Standard orange key fob card
	SK9050R/A	**Standard red key fob card** Standard red key fob card
	SK9050Y/A	**Standard yellow key fob card** Standard yellow key fob card

CARLO
ROSSI

‹‹Comelit

Comelit

09/08/14 - 16:30

Alarm | Climate | Consumption

Scenarios | Shutters | Video Memory

PLANUX
MANAGER KIT

ALL SIMPLEHOME TECHNOLOGY IN KIT FORM

Save time and effort during installation! Simply make the connection: no programming is required as all components are pre-programmed. Expandable kit! Can be used as a base for more complex systems.

20001001K
SimpleHome kit with Planux Manager and Ikall
Kit components:

N° 1 Supervisor
20034801W

N° 1 Module
20046604

N° 1 Bracket
6214KC

N° 1 Temperature sensor
20004100

N° 1 Faceplate
20002201B

N° 1 Power supply unit
20022101

N° 1 External unit
4878KC

N° 1 Module
20046821

N° 1 Power supply unit
1207

N° 1 Interface
20022611

N° 1 Box
6117

PLANUX MANAGER KIT

20001001K	**Video entry/climate/load and consumption control**
	SimpleHome kit with Planux Manager and Ikall entrance panel Kit components: 1 Planux Manager 20034801W, 1 bracket 6214KC, 1 faceplate 20002201B, 1 IKALL kit external unit art. 4878KC, 1 power supply unit 1207, 1 box art. 6117, 1 module with 5 inputs, and 4 16A relay outputs art. 20046604, 1 indoor temperature sensor 20004100, 1 SimpleHome power supply unit art. 20022101, 1 load and consumption control module art. 20046821, 1 programming interface 20022611. The modules are already programmed for normal type operation.

MINI TOUCH
KIT

20001012B - 20001012W
MiniTouch Kit

Kit components:

N° 1 Supervisor
20034607
20034607W

N° 1 Load control module
20046604

N° 1 Temperature sensor
20004100

N° 1 Module with 5 inputs
20046606

N° 1 Power supply unit
20022101

N° 4 Module with 5 inputs
20046501

N° 1 Module
20046821

N° 1 Interface
20022611

MINITOUCH KIT

20001012B	**Black MiniTouch kit – light/climate/load and consumption control**	
	Home automation kit with MiniTouch supervisor, consisting of: 1 black MiniTouch 3.5″ home automation supervisor art. 20034607, 1 indoor temperature sensor 20004100, 1 switching power supply unit art. 20022101, 1 electrical load and consumption control module art. 20046821, 1 module with 5 inputs and 4 16A outputs art. 20046604, 1 module with 9 inputs and 8 16A outputs art. 20046606, 4 flush-mounted modules with 5 digital inputs art. 20046501, 1 programming interface 20022611. The modules are not pre-programmed.	
20001012W	**White MiniTouch kit – light/climate/load and consumption control**	
	Home automation kit with MiniTouch supervisor, consisting of: 1 white MiniTouch 3.5″ home automation supervisor art. 20034607W, 1 indoor temperature sensor 20004100, 1 switching power supply unit art. 20022101, 1 electrical load and consumption control module art. 20046821, 1 module with 5 inputs and 4 16A outputs art. 20046604, 1 module with 9 inputs and 8 16A outputs art. 20046606, 4 flush-mounted modules with 5 digital inputs art. 20046501, 1 programming interface 20022611. The modules are not pre-programmed.	

COMELIT AUTOMATED HOME
SEE INNOVATION FIRST-HAND.

For a more concrete and direct familiarity with all the features and potential of its exclusive home automation solutions, Comelit has set up a complete "automated home" within the company headquarters.
Set out with rooms and situations fully simulating those in a real home (bedrooms, garden, utility areas, etc.), the Comelit automated home makes it possible to witness the various devices (control and automation) in action, while seeing their functions and their level of integration first-hand. The Comelit automated home is as useful to home automation system professionals (architects and installers) as it is to potential end users.

TRAINING

Comelit®
TRAINING SCHOOL

WHAT IS IT?

Comelit Training School is the initiative dedicated to training and refresher courses created by the company, aimed at the constant development of the professional culture within the electrical installation sector.

WHAT DOES IT OFFER?

Training at the Comelit Training School includes courses, seminars and other activities that combine theoretical content with the practical application thereof, with the following aims:

- gaining specialist knowledge on the subject of home automation, video entry, intruder alarm and video surveillance
- increasing familiarity with Comelit systems and their application, as well as allowing independent management of the planning and installation phases
- providing information on the most up-to-date system solutions, capable of optimising energy savings and bringing additional value to property and buildings
- developing sales communication skills for effective handling of customer relations

WHO IS IT AIMED AT?

Installers, architects, specifiers and electronics professionals.

HOW ARE THE COURSES RUN?

Training activities are grouped into Basic and Advanced courses. Basic courses largely revolve around theoretical notions and the introduction of Comelit products/systems. Advanced courses, on the other hand, focus on the practical application of installation/programming methods and exercises for identifying/resolving faults. Advanced courses, for most of their duration, also offer enjoyable occasions for social involvement and relaxation outside course hours.

REGISTER NOW FOR ONE OF OUR COURSES

CERTIFICATIONS

The evolution of Comelit's products is based on our dedication, resolve and intelligence, and, above all, our quality. Thanks to its impeccable quality record, the company has gained a front-line role in the sector worldwide and has progressed in all areas. Our quality-driven focus is demonstrated by numerous top-level certifications of the company system and the product range. Since 1997, ISO 9001 certification has confirmed the company quality management strategies consolidated throughout the years and, since 2004, Comelit has extended the system to include environmental aspects. ISO 14001 certification underlines our commitment to working in compliance with a logic of sustainable development.

SERVICES

Responding to market dynamics and installer feedback, anticipating and interpreting users expectations: at Comelit these factors are just as important and strategic as the technological innovation and reliability of our products. That's why Comelit has set up and activated a network of services that confirm our role as a proactive partner capable of going beyond the standard solutions that make up our product range.

Technical Support

Professional telephone assistance to solve all types of problems.

SATCO Assisted Programming

Support given to installers for testing and assistance with problem-solving of all kinds. Expert professionals covering different geographical areas and specialising in Comelit products.

Comelit Engineering
Division of Comelit Group S.p.a.

An operative division entirely dedicated to providing customers with ideal solutions for non-standard system requirements. This division develops turnkey projects, primarily for large residential, business and industrial complexes.

WEB
www.comelitgroup.com
www.comelitvedo.com

Comelit's website provides a comprehensive resource for consultation with technical and commercial information to assist installers. A point of reference active 24/7, 365 days a year, to obtain practical answers, request assistance, and receive advice.

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Passion and Innovation

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CUSTOMISED SCENARIOS

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