urmet

IPer HOME

I AM
I CONTROL
I LIVE
I DESIGN
MY HOME.

URMET IS IN YOUR LIFE

URMET

Urmet is an Italian company established in 1937. It designs, develops and sells building automation products and systems. A communication and security specialist, the company stands out for its flair for innovation and for the development of kits that speed up installation and simplify function management, for residential, office and industrial buildings. Its wide range of products features a comprehensive choice of technological and aesthetic solutions. Door phone and video door phone systems, telephony, room control, professional intrusion alarm systems, video surveillance and fire alarm systems: solutions for every industry, developed in line with market demands. Urmet has an extensive and reliable service network. Moreover, Italian Customers enjoy the benefits of Urmet's sales network, which has a widespread presence on the territory with sales offices throughout Italy.

THE URMET GROUP

Urmet Group means integration of expertise and international dimensions, to offer global solutions to its partners. The Group developed internationally and now plays a major role on the international scene. Our Group designs, develops and markets products and systems in the communication and security sectors, as well as in energy management and saving and telecommunications. In Italy it is a leading manufacturer of video door phone and telephone systems, access automation and control, professional intrusion alarm systems, fire alarm and video surveillance systems, from private homes to town redevelopment planning, up to large public infrastructures. It is as a global partner for product quality and service efficiency.

URMET|GROUP

HOME AUTOMATION
S Y S T E M S

I AM
I CONTROL
I LIVE
I DESIGN
MY HOME.

ME/MY HOME

Per
Home

Communication, security, comfort, cost-efficiency. All in one, with IPerHome.

IPerHome is the new home automation system by Urmet where all technological know-how of the Group merges. IPerHome helps you integrate video door phone, video surveillance, intrusion alarm, gas and smoke detector system, automation, energy saving system, audio system and Internet connectivity. The result being a true tailor-made home living, operating and changing according to the needs of the people inhabiting it.

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Urmet is a leading provider of communication and security solutions. Urmet's digital video door phone and telephone systems, intrusion alarm, fire alarm and video surveillance systems are widely used and represent an industry benchmark from a technological, functional and qualitative point of view.

Simon urmet

Simon Urmet is the result of a partnership between Simon S.A., world leader in residential application design and manufacture, and the Urmet Group. The result is Nea: a system based on three design styles that guarantees optimal functionality and a pleasing look.

Aprimatic

Aprimatic is a brand of the Urmet Group and Italian market leader for automatic gates, rolling shutters and window systems. Aprimatic products enable users to design and install customised automation systems or choose convenient product kits.

IPerHome is completely designed and developed by Urmet, relying on the technical know-how and expertise deriving from over 75 years of business in this industry to offer a complete range of solutions and full compatibility with the most popular systems and devices all over the world.

Flexible, interactive, smart.

IPERHOME IS A NEW WAY OF LIVING
AND SAVING MONEY.

- I decide how to make up my pack of functions and I can change it any time, with no masonry work required
- I can set automatic operation or interact with the system through suitable devices or, via web browser, through smartphone, tablet, smart TV and PC
- I optimise power and heat consumption and improve the energy efficiency of my building, saving up to 26%.

IPerHome is best in class under EN15232, which assesses how much home automation affects a building's energy efficiency. For residential applications, this means saving up to 26% for the climate control system and 15% on power consumption. For offices and workplaces, enhancing efficiency could result in a 54% saving on power consumption for heating and cooling purposes and a power saving of 21%. With these figures, IPerHome allows you not only to save considerably on consumption, but also to be granted tax allowance, as provided by law.

CEI 64-8 standard provides electric systems' requirements and defines three classes for system performance level. Certification is mandatory for all new buildings and is a real statement of the quality and efficiency of the system, which increases the building's value. IPerHome meets the strictest requirements (highest efficiency class) since it features a technological bus able to manage home automation integrated functions.

IPerHome advantages

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EASY TO DESIGN,
INSTALL AND CONTROL

## Bus wiring, simple and full-fledged control interfaces.

IperBus is a communication channel connecting inputs (push-buttons and sensors) to outputs (e.g., dimmers and relays), which are connected to electrical devices or equipment controlled by the system. Thanks to this layout, light switch boxes do not feature any power cables. This means that IPerHome ensures enhanced safety every day and easier initial hard-wiring. The harness can be wired in DIN rail, on control panel or using traditional connector blocks, depending on installation requirements.

IPerHome.
Freedom of control, simple operation.

IPerHome allows users to interact with the system not only through Modo and i-Modo video door phones, but also through their smartphone, tablet, smart TV or PC. This is possible thanks to IPerHome software, which makes the system independent from the control device used. Therefore, users can remotely gain access to all functions through a powerful and user-friendly web interface, even when they are far from home. IPerSet and IPerWiz allow the installer to set up the operation of all devices connected to the system and check their status.

Full range of aesthetics and functions to choose from. Just because you don't see it, it doesn't mean it's not there.

IPerHome allows for any wiring layout since it is compatible with any wiring system, and any type of cable. It also works with no central control unit, thanks to Bus-connected smart inputs and outputs.

unlimited compatibility
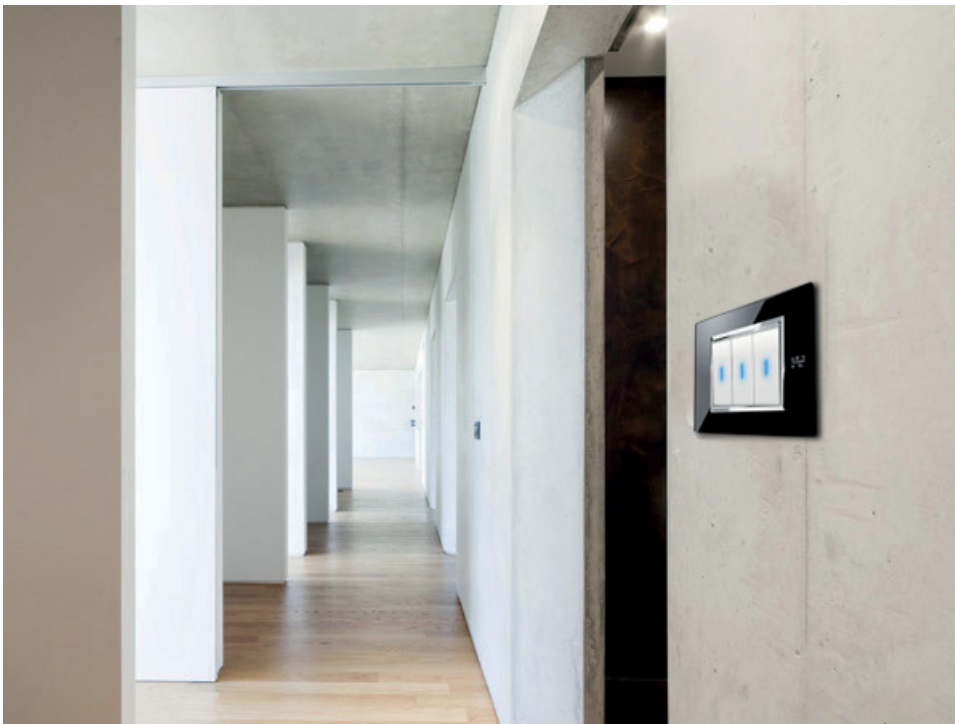
Simon Urmet's Nea wiring system, with its cutting-edge design, allows users to gain access to all IPerHome functions.

simon urmet

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TOTAL CONTROL:
THROUGH PC, SMARTPHONE, TABLET

With IPerHome, my home
is connected to the web.

Access your home system via smartphone, tablet, smart TV and PC, through a simple web interface, regardless of the operating system used. You only need a standard Internet browser.

The advantages:

- Scenarios or single functions can be activated before getting home
- The intrusion alarm status can be checked and any alarms can be received
- Images from internal and external cameras can be viewed in real time
- The household appliances and the climate control system operation can be controlled
- The digital video door phone service is available even from a distance, with IPerVoice

IPERHOME SERVER:
THE GATE INTO YOUR WORLD.

The most advanced control, in the simplest way ever.

Select a server among the two available, Basic and Pro, to connect the home automation system and the intrusion alarm system to the wired or wireless home network to which the ADSL modem-router is also connected. IPerHome server allows you to use any device (smartphone, tablet, smart TV or PC) to control the whole range of functions locally (via LAN or wi-fi) or remotely.

Compatible with any platform.

IPerHome software allows control via Internet browser and therefore guarantees universal compatibility.

Two versions, all the functions you want.

The Basic version of IPerHome server controls all communication, security, power management and video surveillance systems manufactured by the Urmet Group. While with the Pro version it is also possible to integrate third-party bus and protocols. Hence, IPerHome can control many of the most widespread systems available on the market.

server

BASIC SERVER
- Camera management in snapshot mode
- Music library management from external NAS
- Management of 100 points, 3 maps, 8 scenarios
- Up to 2 users connected at the same time

PRO SERVER
- Camera management in snapshot mode and FTP
- Music library management from NAS or hard disk
- Management of 600 points, 8 maps, 48 scenarios
- Up to 4 users connected at the same time
- Management of 2 additional bus systems
- Programmable through scripting

MANAGED BUS SYSTEMS
IPerBus
KNX
Dali
Modbus TCP
Modbus RTU
IRTrans
Lutron

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THINKING OF ME

I AM

Comfortable, safe, smart. A home that simplifies my life and gives me the chance to set up the most suitable scenarios for every moment, every day, every season. A home featuring a technological system that makes my life better because it makes me save money since it is more efficient. A home that reassures me even when I'm away, because it is safer and because I can control it wherever I am. A home tailor made for me.

My comfort
I can lower the roller shutters, control the lights, open the gate, adjust the temperature, answer the door phone (with the IPerVoice system) and much more. And I can do all this from my sofa, from the office or while travelling.

My habits
I can set up the most suitable scenarios for every moment of the day and easily activate them at any time: when I get up, when I go out, when I come back, when I sleep. I can even schedule them.

My needs
I can activate the intrusion alarm system, view the images from the security cameras, query presence detectors and receive warnings and alarms. No matter where I am.

My saving
I can disable device power supply when it is no longer needed and program appliances to work when energy prices are lower, to optimise energy consumption.

MY HOME

IPerHome is the new home automation system by Urmet enhancing the value of technology since it allows a smart integration of different technological systems. With IPerHome, communication, security, comfort and energy-saving requirements are no longer separate, but merge in a single harmonious system where the various functions cooperate to suit the habits of the family, to protect it, to increase its comfort and energy-efficiency.

A scalable system
IPerHome can do many things, but it can avoid doing them all at the same time. Choose your efficiency and service levels, and design your home automation system according to your needs.

All in one
IPerHome has a life of its own but also allows you to have one single control device for all technological appliances in your house. This means you control everything from just one interface.

Simple and widely compatible
IPerHome has a very simple bus wiring. Thanks to input/output layout, IPerHome can manage any type of system and device, but is also open to integration with the most widespread building automation protocols.
This is why it has no limits.

Total control, even remotely
IPerHome is simple to set up and use. With IPerHome server it is also possible to remotely gain access to all system functions.

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COMMUNICATION

ICONTROL

IPerHome can integrate all communication functions through all channels: from telephone to video door phone, from intercom to messaging system for blocks of apartments. These features allow using one single tool to gain access to functions which so far required the use of several devices.

Video door phone
IPerHome video door phone function reaches a higher standard thanks to the wide-screen devices. When matched with the IPerHome system, the video door phone function is also available on tablet and smartphone.

Telephony
Thanks to VoIP technology, which can be matched to IPerVoice digital video door phone system, IPerHome devices and the system's Internet connection can be used to make and receive phone calls.

Intercom
Communicating with other apartments of the building or with the gatekeeper has never been this easy: the cross-linked system allows communication between devices of the same apartment or of different apartments.

Messaging system
The electronic memo function is a true multimedia messaging system for the whole family: you can record a message before going out so that anyone coming home can listen to it.

IPer|Home

MY HOME

IPerHome allows me to control my home's security with the touch of a finger since it integrates intrusion alarm and video surveillance functions. And in case of any fault or alarm, I receive a notification.

Intrusion alarm
It sets the combined operation of the perimeter and volumetric security control in presence or absence mode. It remotely controls system status.

Technological alarms
When you are not at home, in case of fault of systems or devices requiring continuous duty, you receive a warning allowing you to intervene before it is too late.

Programming
Thanks to the wide range of settings, IPerHome allows you to program security system operation according to your requirements.

Video surveillance
View the images from any place, using any device. Activate the internal cameras when you are out and the external ones when you are in. Protect yourself as you like.

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COMFORT

I LIVE

With IPerHome I can set up scenarios for an integrated control of all functions, according to time and environment parameters of my own. I can manage internal and external lights, activate automatic management of roller shutters and control security systems and automatisms.

Light management
With IPerHome you can set switch-on and off cycles for the internal or external lights, when you are out or based on the time of the day, even for different areas of the house. Every room is hence more cosy and you save more.

Shutters
IPerHome allows you to set opening and closing times for shutters, blinds and sunshades. Light when you wake up, privacy when you are out, dark and comfort at night. Open the sunshade when it's sunny, close it automatically when the wind is stronger than the preset warning threshold.

Automatisation
Turn on the water spraying system, sunshades or set switch-on and off cycles of technological devices is no longer a problem. In this way the house is alive even when nobody is in.

Case-scenarios
IPerHome is a highly interactive programmable system which coordinates the operation of all home systems, and this allows you to create truly customised case-scenarios for automatic management of lighting, climate control, household appliances and security devices.

IPer HOME

MY HOME

IPerHome meets EN15232 requirements, class "A". This means that home automation results in savings, up to 26% for home applications and up to 54% for the office buildings as far as heating and cooling are concerned; while for energy consumption, IPerHome allows savings from 15% to 21%.

Energy Efficiency

A
B
C
D
E
F
G
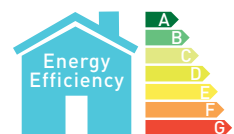
Temperature control
Heating and cooling system control allows setting different temperatures for any hour during the day, for every single room or area of the house. This makes you enjoy your home and save more.

Electrical loads
Household appliances such as washing machine, dryer and dishwasher require much power. With IPerHome, you can program their operation during the time range when power costs less and set the electrical load in order to avoid any black-out.

Presence detection
IPerHome connects to sensors detecting the presence of persons inside the building. Based on this variable, you can manage lighting, climate control, security settings as well as operation of all devices automatically.

Consumption monitoring
Thanks to a user-friendly interface, you can use IPerHome to control real-time energy consumption of your home and set optimal operating parameters.

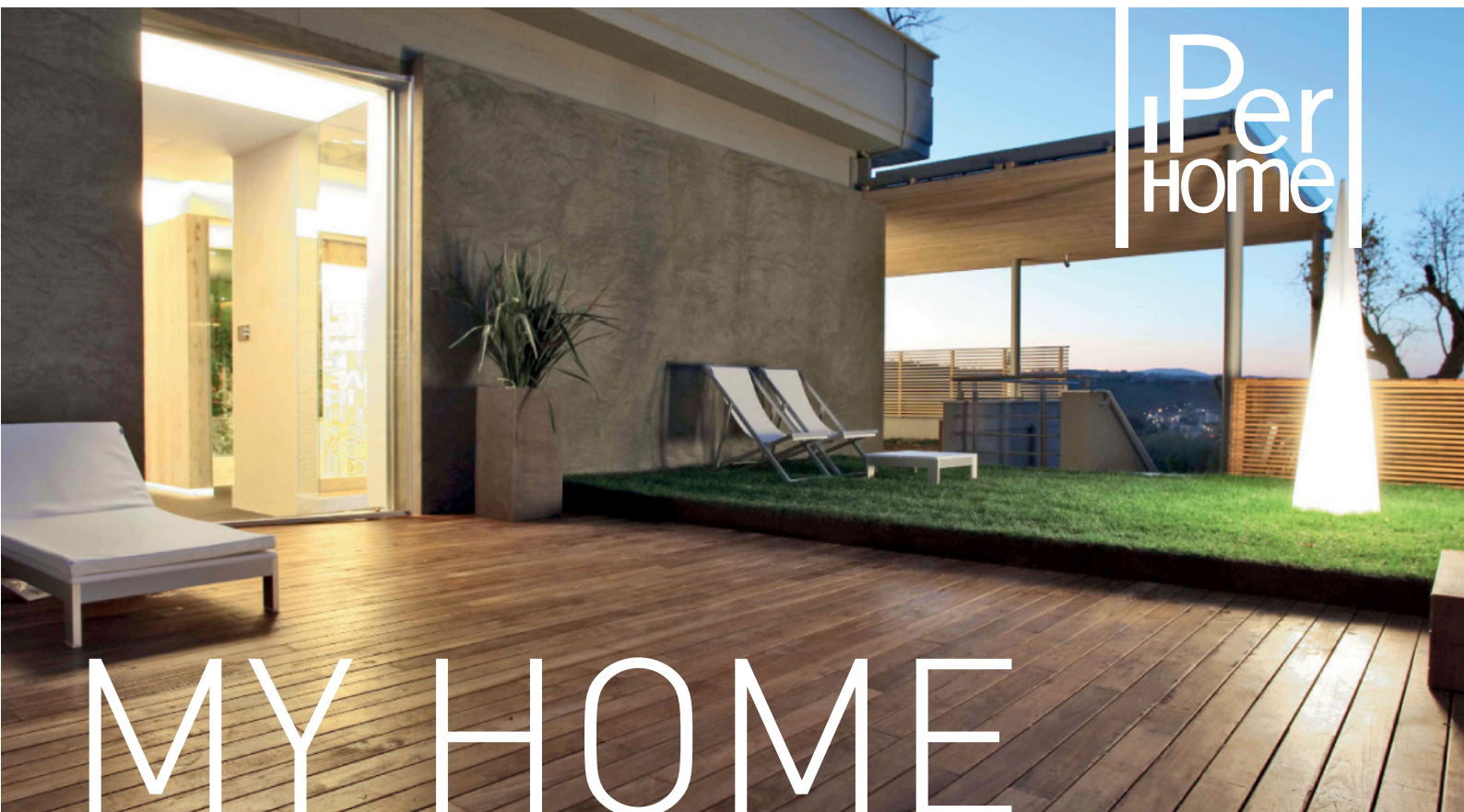urmet

DESIGN

Functions

With IPerHome, you can select each and any individual function you need to have full control on your home, optimise performance and increase saving.

01.
Automation of
lights and sockets

02.
Automation
of shutters

03.
Adjustment
of light intensity

04.
Control
of electrical loads

05.
Thermoregulation

06.
Metering of
energy onsumption

07.
Digital video
door phone

08.
Intrusion alarm

09.
Video surveillance

10.
Remote control

11.
Music library
management

12.
Management of
technological
alarms

IPer HOME

MY HOME

Application solutions

Below are some of the possible solutions, affecting several functions, to meet your requirements.
Thanks to the flexible architecture of IPerHome, the system can evolve and change with your family.

Solution **A**

Various scenarios for the operation of lighting, electrical system and shutter and sunshade blinds.

Solution **B**

Management of lighting, light intensity settings, opening/closing of shutters and blinds, thermoregulation functions.

Solution **C**

Total control on electrical system and opening/ closing of shutters and blinds. Integration with Urmet digital video door phones. Thermoregulation.

Solution **D**

Remote system control through smartphone, tablet and PC; manage your music library, integrate the intrusion alarm system and exploit all the power of IPerVoice digital video door phones, even through maps.

Solution **E**

Set up special customised functions and use up to two additional bus systems. Program up to 48 case-scenarios and manage up to 600 points and 8 maps.

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IPer Home

Choose freely.
Today and tomorrow.
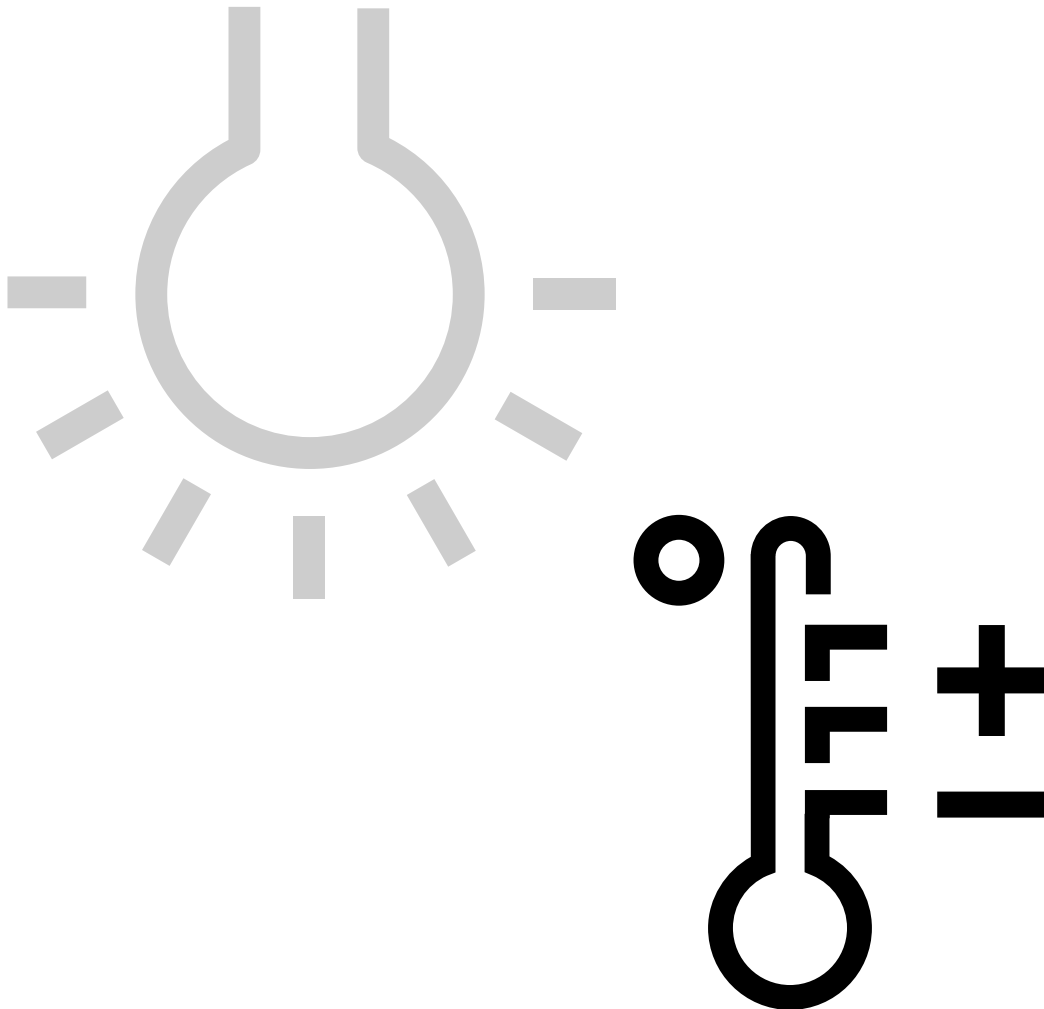
With IPerHome you can set up your own system based on your specific needs and select your custom set of services.

Lights and sockets, shutter and blinds, thermoregulation and control of energy consumption, video door phones and communication, intrusion alarm and video surveillance system, management of household appliances and multimedia functions. IPerHome allows you to change your system at any time: you can add new functions or expand the services already featured. Your house will thus follow the evolution of your requirements.

01. Automation of lights and sockets

02. Automation of shutters

03. Adjustment of light intensity

04. Control of electrical loads

05. Thermoregulation

06. Metering of energy consumption

07. Digital video door phone functions

08. Intrusion alarm

09. Video surveillance

10. Remote control

11. Music library management

12. Management of technological alarms

Functions

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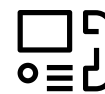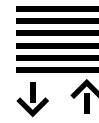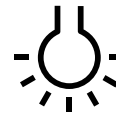
01. Automation of lights and sockets

Optimise consumption and enliven your home.

You can program switch-on and off of the lights and of the power sockets on the walls. You can also set light intensity, thanks to the dimmers. Functions can be coordinated by means of specific case-scenarios. For instance, it is possible to:

- Set operation time for internal lights and wall lamps
- Program external lights switch-on
- Disable power supply to TV set at night or when at work
- Set operating case-scenarios for the various moments of the day
- Program changes of light intensity for each room
- Set lights independently for every room

simon urmet

Expì is the new design style of the Nea wiring system by Simon Urmet, which will blend in perfectly to any interior style. Glass brightness, metal power or aluminium balance. Find your own style

Only Nea offers LED feedback directly at the buttons, for IPerHome.
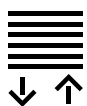
02. Automation of shutters

Natural light, any time you want.

You can program opening and closing of shutters and sunshade blinds based on time, weather and habits. With IPerHome you can:

- Activate automatic closing of all shutters/blinds when you go out and their opening when you come back
- Program the progressive opening of the sunshade blinds based on time, season and weather
- Control shutter closing at night or when you sleep
- Program their opening at the time you wake up

Aprimatic

Aprimatic is a brand of the Urmet Group, long-standing leader in the automation industry for gates, roller shutters, doors and windows.

03. Adjustment of light intensity

The right atmosphere for every moment.

IPerHome can switch your lights on and off and adjust the light intensity for each room and time of the day. Inside and outside your house. In this way, it is possible to:

- Program changes of light intensity for each room
- Create, through lighting, areas suitable for work and other activities
- Create the ideal conditions for reading, relaxing and resting
- Set lights independently for every room in your house

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Simon Urmet's Nea wiring system offers a complete range of dimmers for lights management, all seamlessly integrated with IPerHome.

04. Control of electrical loads

Higher efficiency, lower consumption.

Washing machine, dryer, dishwasher and ovens are appliances with long operating times and require much energy. With IPerHome you can program their operation at night or during the weekend, even when you are not at home. Therefore, you save money and contribute decreasing environmental pollution. You can also view real-time power consumption.

- Program household appliance operation when energy cost is lower
- Set activation time for systems like water spraying
- Avoid system overload
- Power down all electric items in case of long periods away

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Urmet digital video door phone monitors not only allow you to manage all communication functions, but also to completely interact with the home automation system. For instance, you can view real-time power absorption at any moment.

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05. Thermoregulation

All the comfort and efficiency you wish.

You can set up the operation of heating and cooling systems in order to separately control every single area of the house. You can control switch-on and off according to a time-based schedule, environmental parameters or presence of persons. Make your house more comfortable, only when and where necessary. The thermoregulation function allows you to:

•   Obtain the ideal climate in every area or room, for every moment of the day and any activity

•   Optimise energy consumption

•   Control the thermoregulation system based on the presence of adults, children, animals

•   Separately control the temperature of every room

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Nea wiring system by Simon Urmet includes digital programmable thermostats, which ensure optimum temperature in any room of your house.
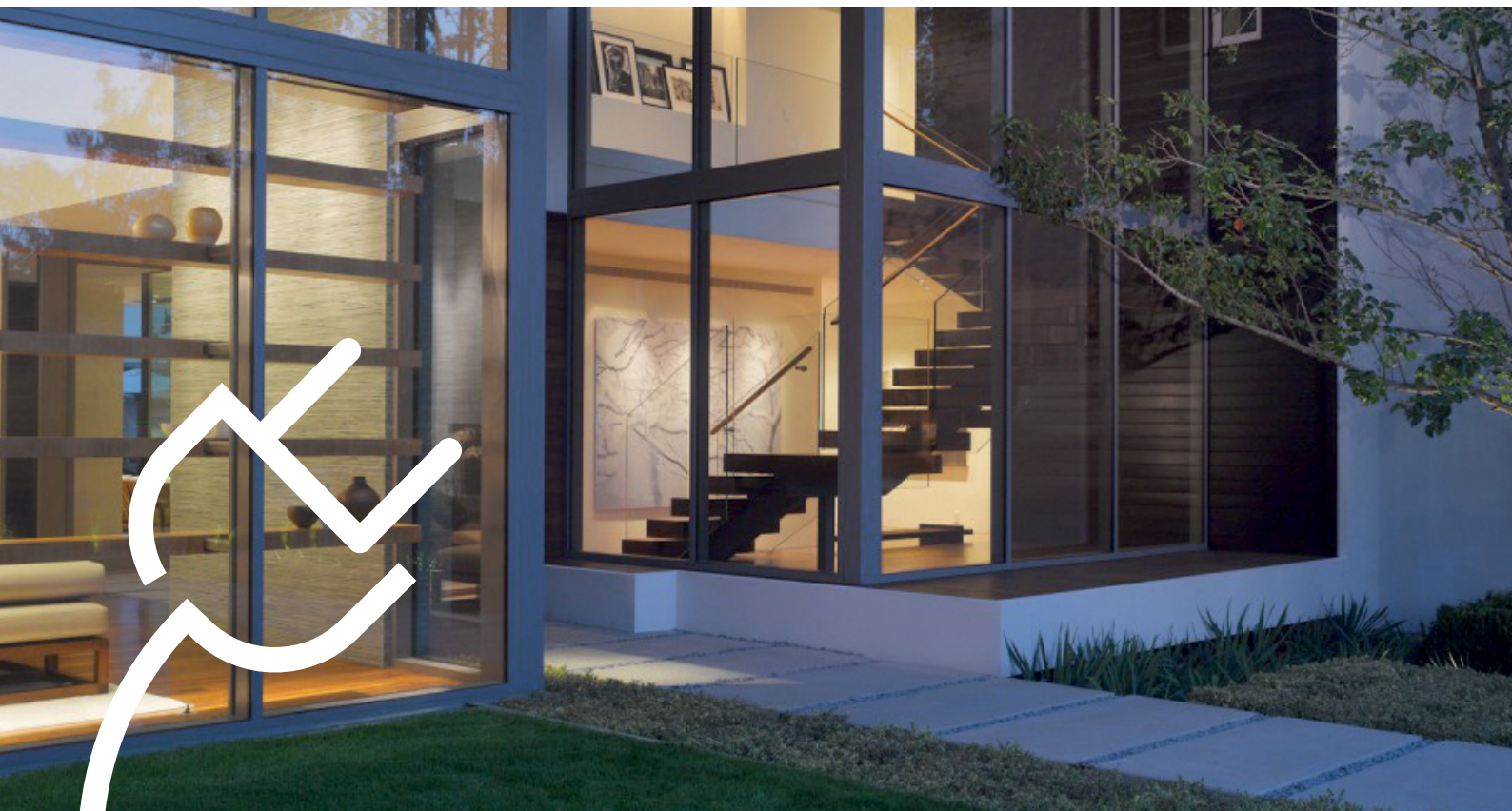
Power balance always under control.

Thanks to the integration with the electric system, IPerHome offers real-time control of consolidated and instant energy consumption. The resulting benefits are:

- Enhanced control of family expenses
- More efficient energy system management
- Greater energy saving
- Greater environmental awareness

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Urmet video door phones ensure access to all video door phone functions, and also allow full control of the home automation system. Thanks to these functions, you can also check energy consumption.

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07. Digital video door phone functions
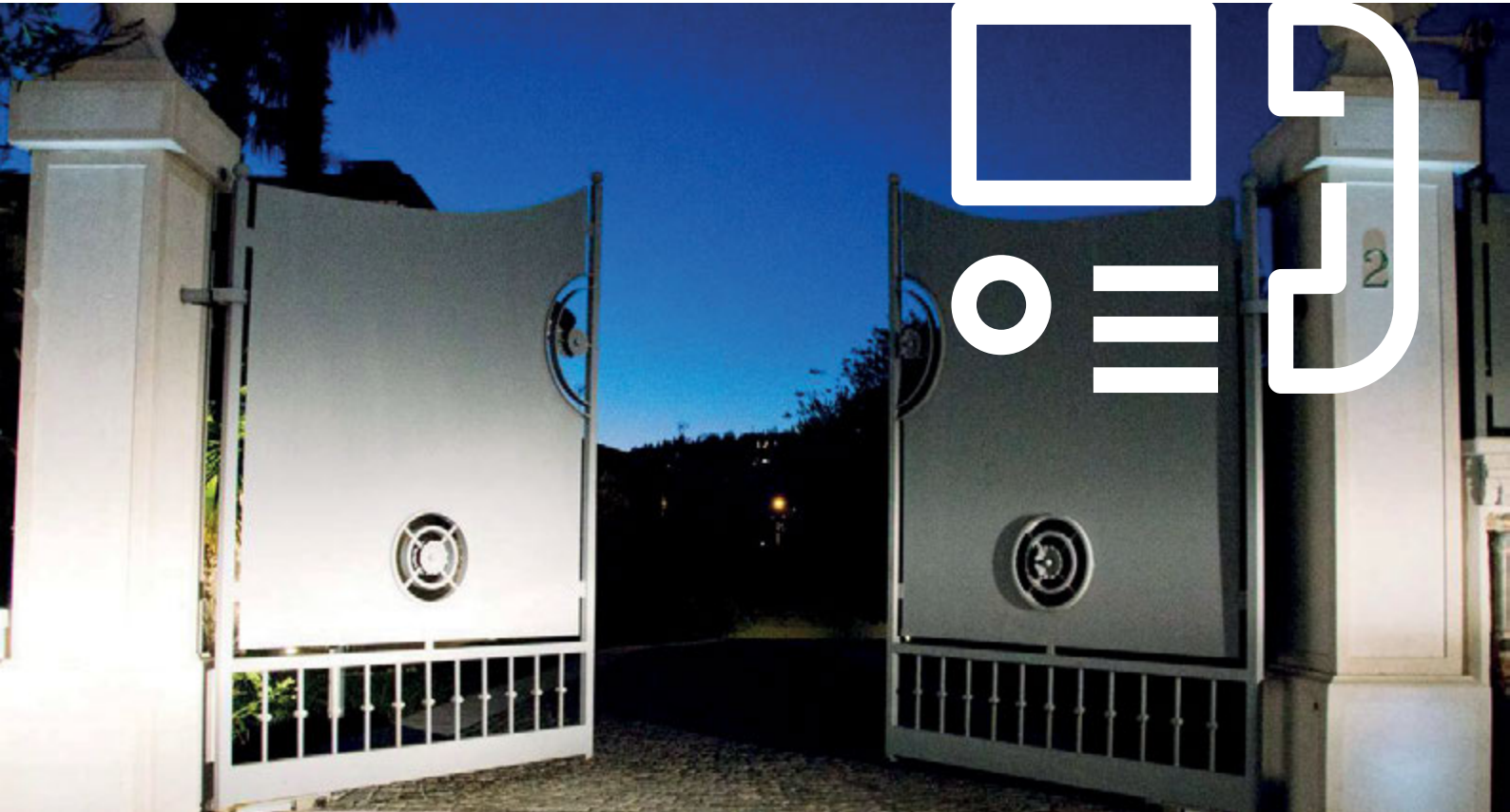
2Voice and IPerVoice. Much more than video door phone systems.

IPerHome can be integrated with Urmet digital video door phones. Apart from the standard video door phone functions, the two colour wide-screen monitors Modo and i-Modo give you access to all advanced services of the 2Voice and IPerVoice systems and make them available on a user-friendly touch-screen interface. With IPerHome and Urmet digital video door phones you can enjoy:

- Colour video door phone, intercom and calls to the exchange at the gatekeeper lodge
- Control of pedestrian gates and driveways
- Control of external lights and access control
- Intercom and VoIP services

Urmet digital video door phone systems offer cutting-edge technology and wide range of design styles and functions for entry panels and internal devices to choose from.

Enhanced security inside and outside of your house.

IPerHome is the best interface for your intrusion alarm system. You can program system operation by areas, depending on the time of the day or on the presence of persons or animals. You can check and manage system status, even remotely. You can activate alarm and emergency functions, if available. With IPerHome Server you can do this even through your smartphone, tablet, smart TV or PC, locally or remotely:

- Program system operation according to specific parameters linked to environmental conditions and time
- Manage operation of every single function
- Control the system, even remotely
- Interface with the system in case of alarm

ELKRON

Elkron intrusion alarm range includes systems suited to every need

simon urmet

Nea by Simon Urmet allows you to install IR detectors even on the light switches.

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09. Video surveillance
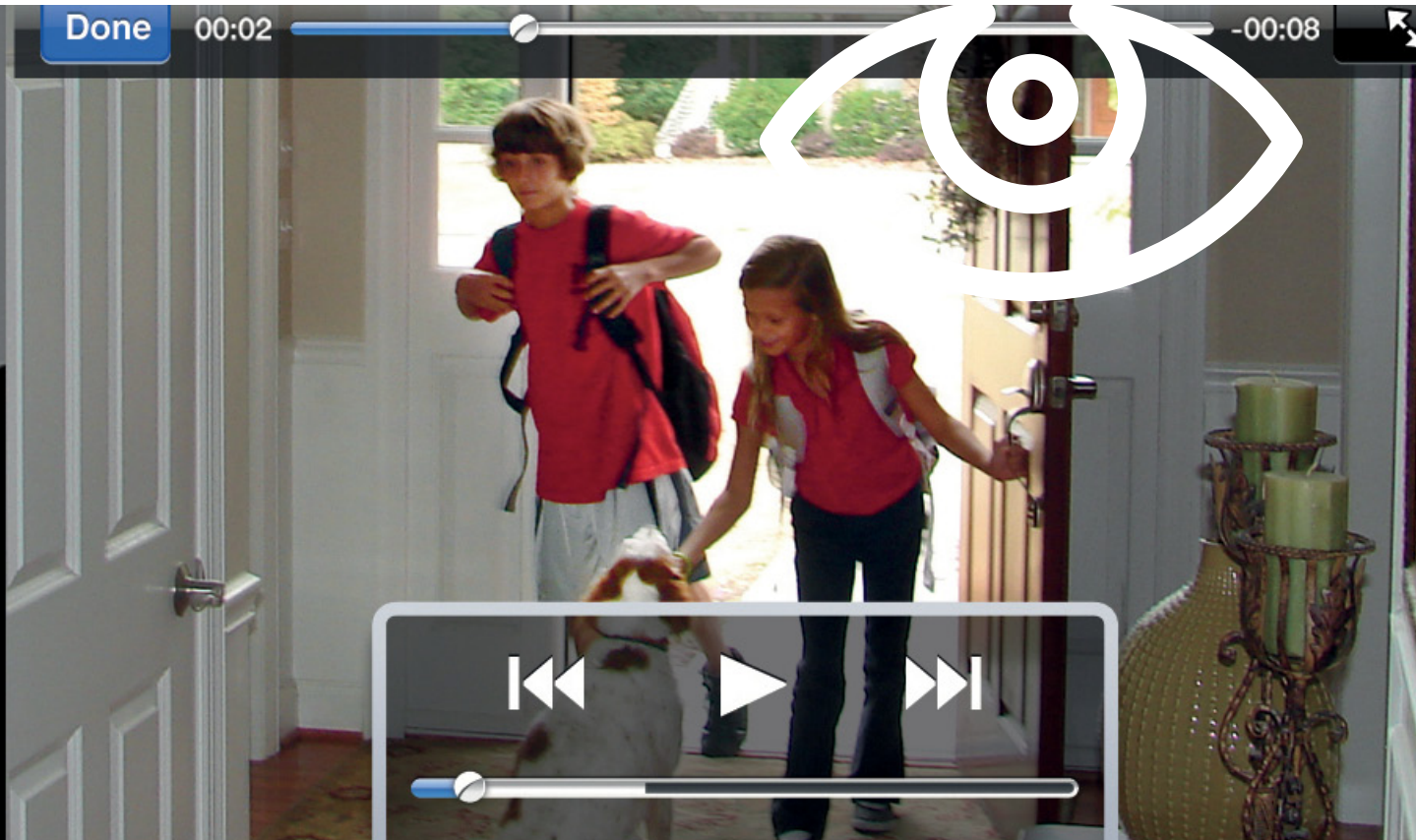
Keep an eye on what you love the most.

IPerHome controls the surveillance cameras and allows you to always monitor what is happening around your house. Thanks to the video door phone (and - through IPerHome Server - any device connected to the Internet or the home wi-fi network) you can view real-time images. Some of the advantages of integrating your video surveillance system with IPerHome are:

- Real-time image viewing
- Analogue and IP camera control
- System remote management

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Urmet video surveillance systems offer cutting-edge passive security technology.
The range includes analogue and digital devices

10. Remote control

Monitor your house.
Wherever you are.

With IPerHome server, you can connect your home automation system to the Internet and home wi-fi network to control all system functions through smartphone, tablet, smart TV and PC. You can do it locally or wherever you are and with any device equipped with an Internet browser, because IPerHome is independent from any specific platform.

- Access to all functions via Internet and wi-fi
- Full control of the system, locally and remotely
- Simple, intuitive user interface

IPerHome customers can register a third-level domain such as name.iperhome. it to be used to control their system, relying on a safe and encrypted connection.

All functions of your IPerHome system are thus available through PC, tablet, smartphone and smart TV, via the web browser installed on the device used to establish the connection.

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IPerHome Server, available with two service levels, enhances your home automation system potential.

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11. Music library management

Manage your music library
and listen to your favourite songs.

With IPerHome, you can select songs, playlists and albums to be played through any connected audio system. To use this function, IPerHome Server must be installed first: the Basic version allows you to connect to a network attached storage (NAS) drive where the files are stored, while the Pro version features a large built-in hard disk, which can store the whole music library.

- • Music management
- • Music selection and playing on home audio system
- • Simple to use

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With IPerHome Server, listening to your favourite music is easy.

12. Management of technological alarms

Only with IPerHome
you have everything under control.

IPerHome warns you with an e-mail in case any system component no longer replies or in case of malfunction of one of the connected devices. This function makes it easier to quickly fix any fault and restore full efficiency of the home automation system.

- Consistent device status check
- Fault location
- E-mail notifications

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Receive an e-mail notification in case of fault, thanks to IPerHome server Internet connection.

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IPerHome
Case-scenarios: hour after hour, my life changes.

IPerHome allows you to program integrated settings for all home systems, thereby coordinating - for every moment of the day - the operation of lights, household appliances, alarm system and closing your door and windows. Each of these settings represents a case-scenario. Scenarios can be set up, programmed and activated. You can name every single scenario so as to easily identify it on the control interface.

Some examples of case-scenarios are the following.
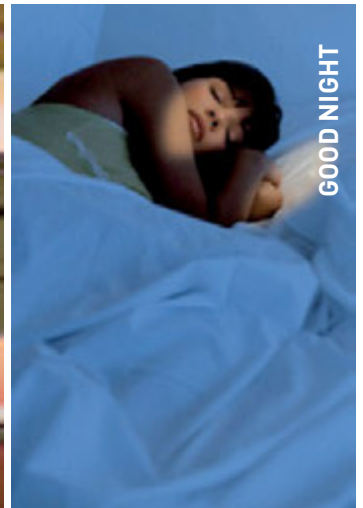
Good morning
Before you wake up, the system turns off the external lighting and sets climate control in the bathroom and kitchen; opens the shutters in the living area of the house and, after a few minutes, even the ones in the bedroom area. Power sockets of the coffee machine and TV in the kitchen are powered on. The perimeter intrusion alarm system is disabled.

Cinema
The system turns off the lights in the bedroom area, powers on the home-theatre system, lights in the living room are soft and cosy; shutters close and perimeter security system is armed. The climate control system sets the right temperature according to the weather.

Party
You go out: the system closes the shutters, the intrusion alarm system is on in perimeter and volumetric mode, lights are off and all electric items, except the fridge and the freezer, are powered off. The system arms external video surveillance and the internet connection that will allow you to check room and system status.

Good night
The climate control system for the bedroom area of the house is specially set. The system closes the shutters, turns the lights off except, until a certain time and with a low intensity, the ones in the bedroom. The intrusion alarm system is armed in perimeter mode. The system starts the operating cycles of washing machine and dishwasher.

SCENARIO

NIGHTGARDEN

THE SYSTEM ACTIVATES THE INTERNAL
CLIMATE CONTROL AND TURNS OFF THE
LIGHTS IN THE BEDROOM AREA OF THE
HOUSE. LIGHTS IN THE KITCHEN AND LIVING
ROOM REMAIN ON, BUT WITH A LOWER
INTENSITY.
THE SYSTEM CLOSES THE SHUTTERS AND
TURNS ON EXTERNAL LIGHTING, THEN
ACTIVATES THE SWIMMING POOL'S WATER
RECYCLING SYSTEM.

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Application solutions

01. ☼
Automation
of lights and
sockets

07.
Digital video door
phone

09. 👁
Video surveillance

08. (((○)))
Intrusion alarm

06.
Metering of
power consumption
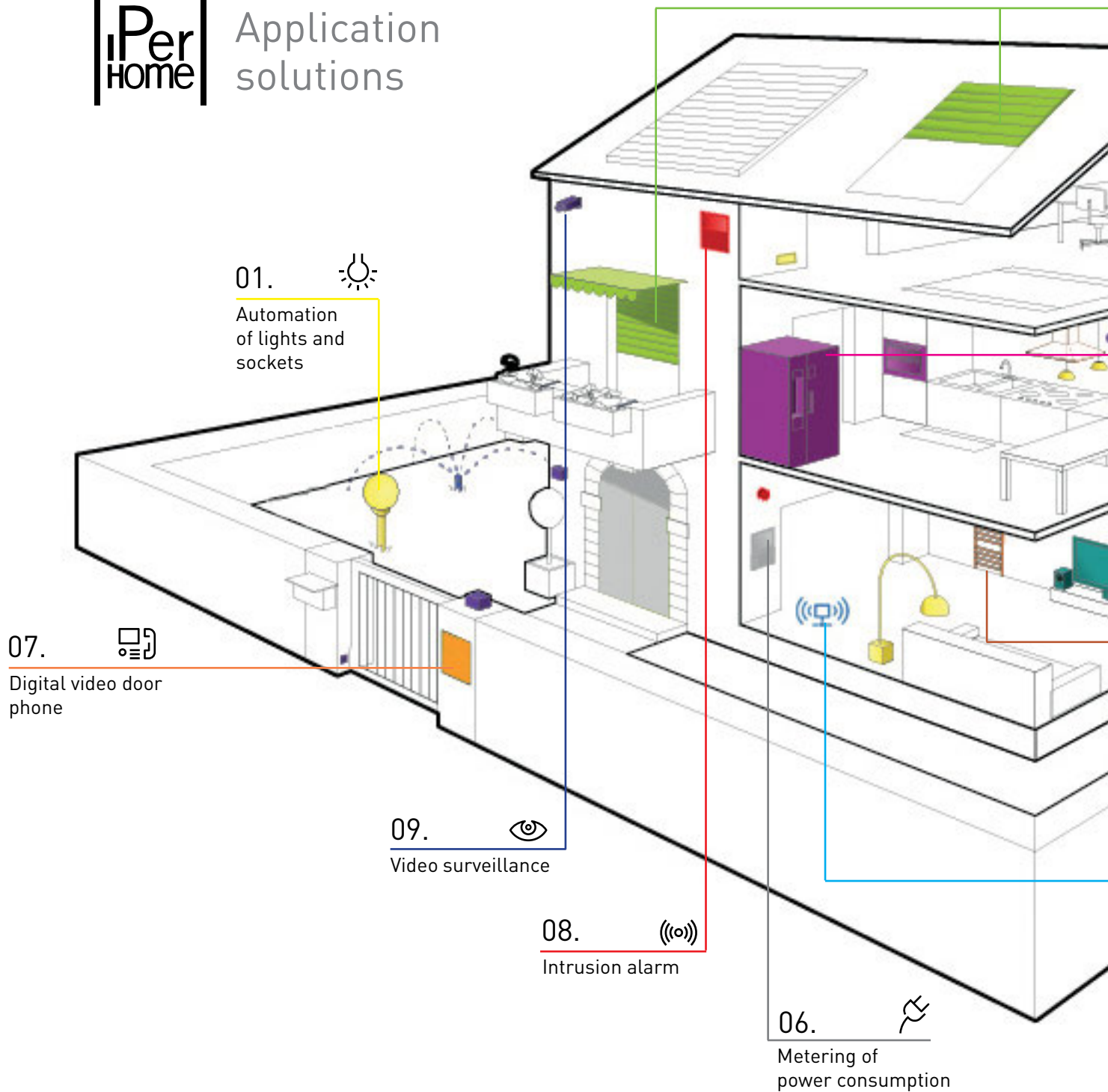
A system following the evolution of your needs

With IPerHome you can select the services that best suit your specific needs. Following are a few examples of application solutions providing different functions to satisfy most of the scenarios in the most complete and prompt manner.

02.
Automation
of shutters

03.
Adjustment
of light intensity

04.
Control
of electrical loads

05.
Thermoregulation

12.
Management
of technological
alarms

10.
Remote control

11.
Music library
management

Application solutions
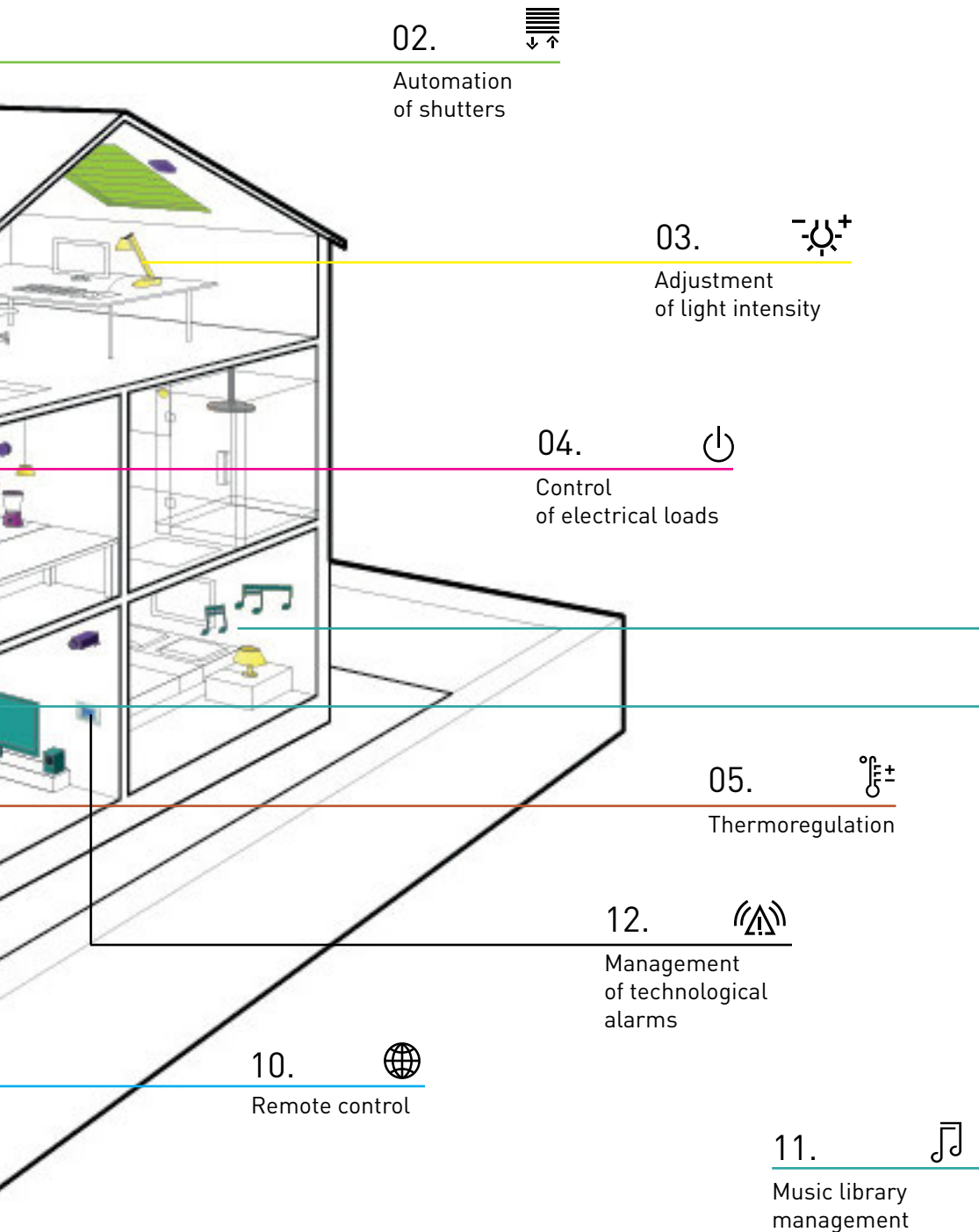
A FEW SOLUTIONS

A / Automation for lights, sockets, shutters and sunshade blinds.

B / Integration of light intensity adjustment
and thermoregulation.

C / Added ability to meter power consumption and integration
with 2Voice, Urmet's digital video door phone system. Possibility to set
up to 8 case-scenarios.

D / The system is connected to the Internet, thereby allowing remote system full control
through smartphone, tablet and PC; music library management: integration
with the intrusion alarm system and IPerVoice, Urmet IP digital video door phone system;
management of 50 points, 8 scenarios and 3 environment maps.

E / Integration with IP video surveillance devices, pre-arranged for third-party bus,
management of 600 points, 48 scenarios and 8 environment maps.

urmet

A / lights and shutters kit

02.
Automation of
shutters and blinds

01.
Automation
of lights
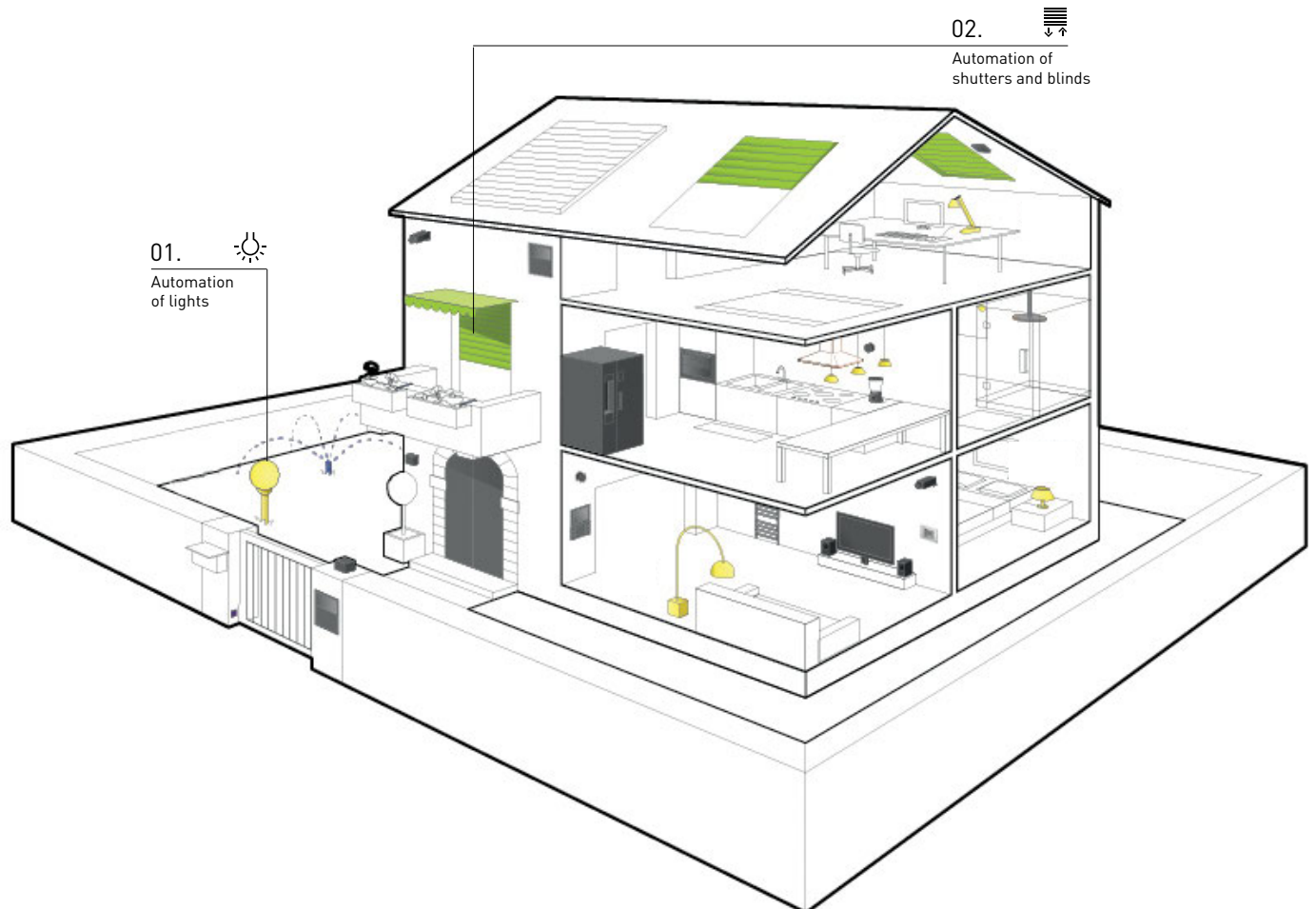
The simple and scalable home automation solution.

With just one kit you can easily control up to 12 light units or 5 shutters/blinds. One button to switch off all lights before leaving. But you can also switch them off or on individually or in groups. Then, another button closes all shutters before going to bed. No programming is required: the installation will take a short time with no masonry work required. Then, if you later wish to expand the system and add more functions, you can do it at any time.

THE NEED

Purpose
Full automation of the lighting system, shutters and blinds.

Objectives
To reach maximum comfort with the management of lighting, shutters and blinds.

Operational scenario
Houses, shops, office buildings.

Planned solution
Basic installation, no programming required. Scalability depending on evolution of needs in time.

THE SOLUTION

Use of IPerHome bus for a zone-specific and integrated management of the lighting system and of the system controlling opening/closing of shutters and blinds.

Solution benefits

Low-cost entry-level system, easy to install, which provides home automation functions ensuring improved comfort and energy efficiency

AVAILABLE FUNCTIONS

Automation of lights
Automation of shutters and blinds

Solution A

urmet

B / home automation

01.
Automation
of lights

02.
Automation
of shutters and
blinds

03.
Adjustment
of light intensity

04.
Automation
of sockets
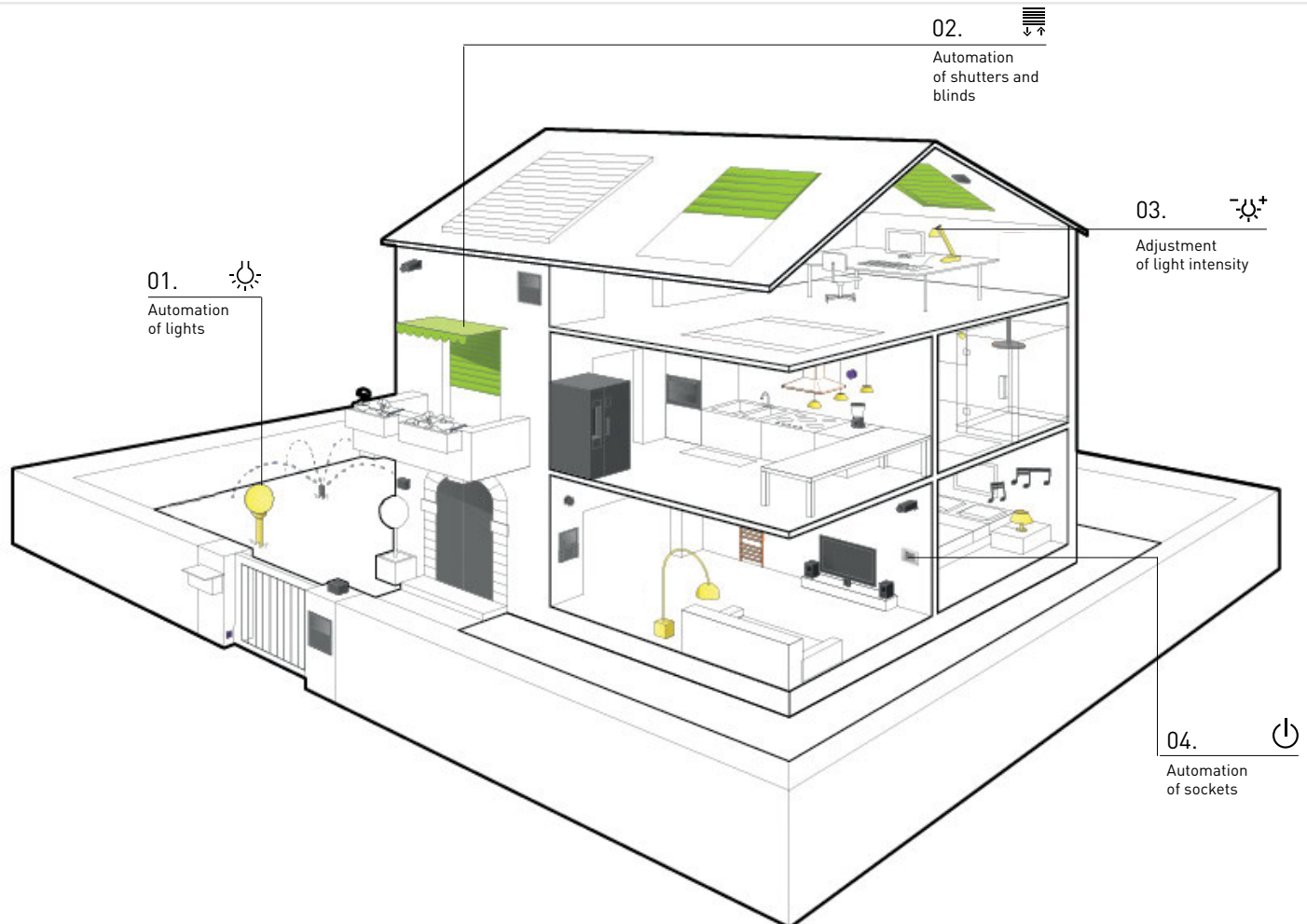
The perfect atmosphere in any moment.

Further to the functions under solution A, solution B also provides the possibility to control sockets, program and adjust the light intensity of the various artificial light sources, dimming them during the day or according to the selected scenario. The thermoregulation function ensures a highly efficient use of the climate control system, and an optimum climate comfort. The scenarios can be activated automatically, no matter how complex they are, at the time you usually wake up and/or go to bed. Their activation can also be programmed at a specific time of the day, week or month.

THE NEED

Purpose
Full automation of the electrical system and optimisation of energy saving features.

Objectives
To allow utmost flexibility in determining the environment control parameters and optimise energy saving.

Operational scenario
Residential, business, corporate.

Planned solution
Either starting from a basic solution and scaling it or planning an overall review of the system, it is possible to fully automate your house. Initial planning of the system by the installer is made through IPerSet software, which is a simple and user-friendly tool with a drag&drop interface.
Any minor changes can be managed directly by the end user through the programmable thermostat or using the relevant buttons.

THE SOLUTION

Use the IPerHome bus for a zone-specific and integrated management of all systems. Thanks to the light dimming function, you can use only the power you need, thereby creating the most suitable environment for your daily activities and for your relax.

Solution benefits

This solution not only enables light and shutter automation, but also socket automation aimed at reaching a higher level of energy efficiency.
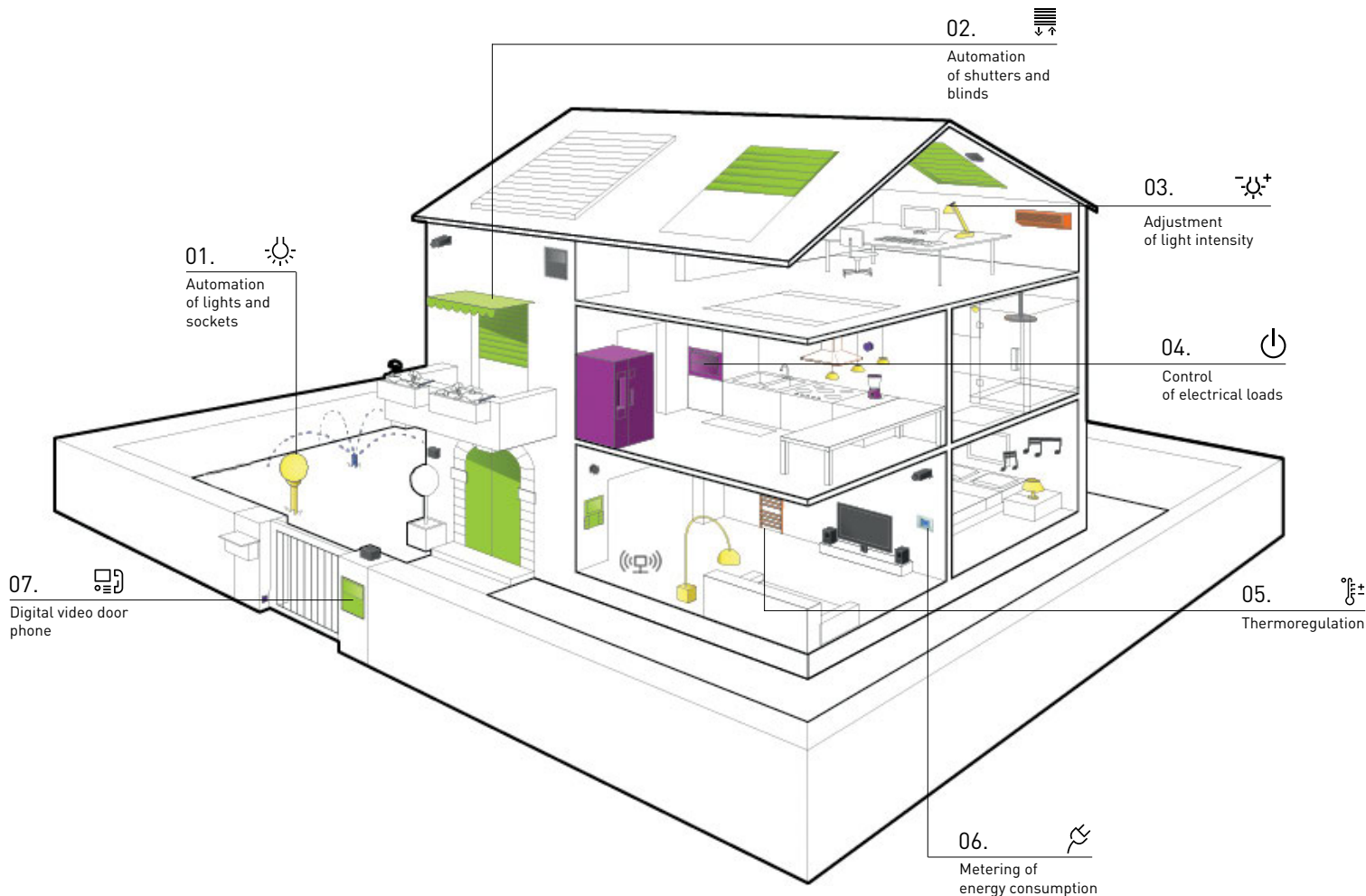
AVAILABLE FUNCTIONS

Automation of lights and **sockets**
Automation of shutters and blinds
Adjustment of light intensity
Button-selected or automatic scenarios
Thermoregulation

Solution B

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C / home automation and video door phone system

02.
Automation
of shutters and
blinds

03.
Adjustment
of light intensity

01.
Automation
of lights and
sockets

04.
Control
of electrical loads

07.
Digital video door
phone

05.
Thermoregulation

06.
Metering of
energy consumption

Consumption control and digital video door phone system: the comfort of IPerHome, the power of 2Voice.

This solution features the Modo 7"colour monitor and touch-screen interface, which can be used to control the system, activate the case-scenarios and view energy consumption data. In this configuration, IPerHome is integrated with the digital video door phone system 2Voice by Urmet.All video door phone features are available through the Modo video door phone monitor. This solution also features the Technical Alarm function with local audio and video warning on Modo monitor and warning notice being sent to the gatekeeper lodge exchange.

2Voice: Urmet's 2-wire digital video door phone system. Thanks to its two non polarised wires, it offers a wide range of services: colour video door phone, intercom, video surveillance, staircase lights control and door opener.

THE NEED

Purpose
Full management of home energy consumption and integration with basic communication and security features

Objectives
To maximise energy saving and monitor consumption. To integrate the video door phone system and its advanced features in a single system.

Operational scenario
Houses and office buildings.

Planned solution
Installation of an integrated system, simple to use, which allows a single user to gain access to all provided functions

THE SOLUTION

IPerHome optimises and controls your current and past energy consumption.
The system is fully compatible with Urmet's digital video door phone systems and can therefore integrate them.

Solution benefits

Thanks to the energy consumption statistics, you can optimise system management. Automation of electrical loads optimises and adjusts the operating times of household appliances in order to reduce consumptions and avoid black-outs. Integration with the video door phone system makes available all communication systems provided by the building system. All video door phone functions are completely managed through the screen.
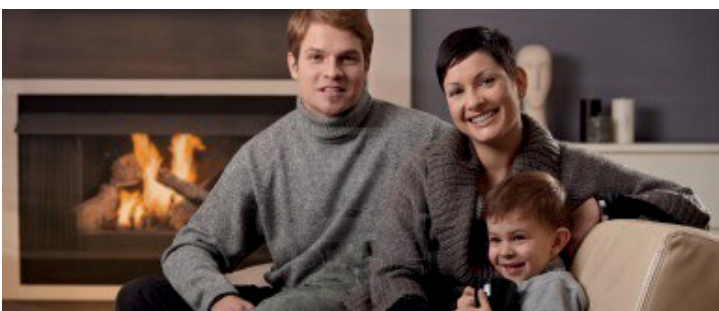
AVAILABLE FUNCTIONS

Automation of lights and sockets
Automation of shutters and blinds
Adjustment of light intensity
Button-selected or automatic scenarios
Thermoregulation
Control of electrical loads
Metering of energy consumption
Digital video door phone functions

Solution C

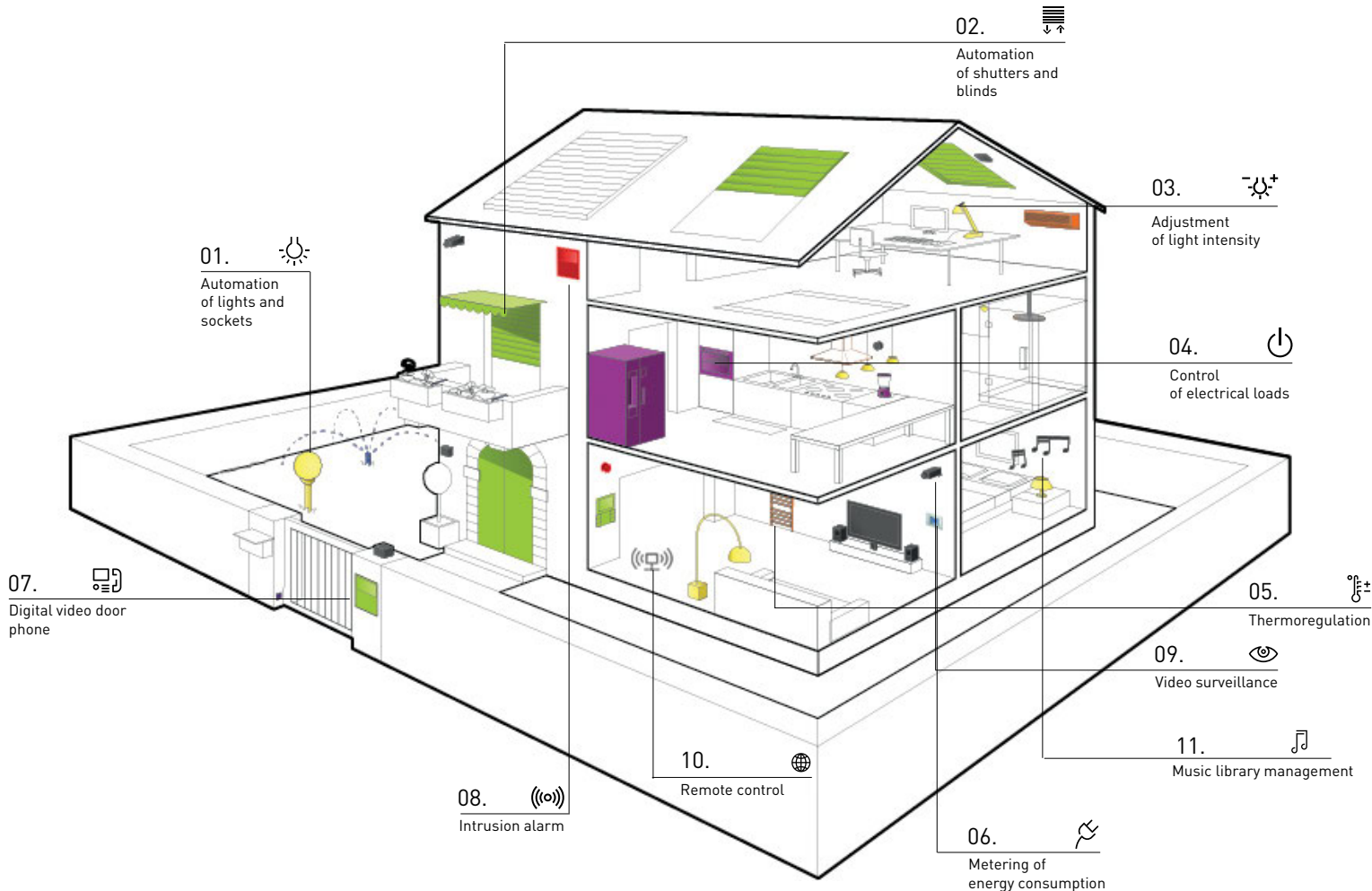The 7" touch-screen video door phone monitor Modo is the interface for the 2Voice system and all IPerHome functions.

modo

urmet

D / remote control and security

02.
Automation
of shutters and
blinds

03.
Adjustment
of light intensity

01.
Automation
of lights and
sockets

04.
Control
of electrical loads

07.
Digital video door
phone

05.
Thermoregulation

09.
Video surveillance

11.
Music library management

10.
Remote control

08.
Intrusion alarm

06.
Metering of
energy consumption

Scroll, tap, click: your world at hand.
Via smartphone, tablet, smart TV and PC.

Thanks to the integration with the basic server and to the control graphic interface, IPerHome takes home automation on the Internet. All functions of your system can be controlled from both inside the building (via the wi-fi network), and outside (via a standard web connection), through any kind of device. Intrusion alarm and video surveillance integration also allows achieving very high control and security levels. The 7" touch-screen monitor i-Modo is a real video door phone with advanced communication, security and multimedia features. The integrated camera allows two-way video calls.

IPerVoice: Urmet's integrated digital system based on IP protocol which, with a single Ethernet or fibre optics cable ensures video door phone, lift control, access control and intercom, with the chance to integrate the management of intrusion alarm and video surveillance systems.

THE NEED

Purpose
Control of your house through a simple, user-friendly graphic interface. Security system management.
Improved comfort thanks to integration of audio libraries and freedom of choice of the control device.

Objectives
To optimise the living or work experience, enhancing the control levels in case of absence from the installation site.

Operational scenario
Houses and office buildings.

Planned solution
Integration of the intrusion alarm system, video surveillance cameras, Hi-Fi system and music library. Web interface systems available for local
or remote control.

THE SOLUTION

IPerHome with server allows you to exploit all network potential and flexibility. The functions are available through the local wi-fi network or the Internet.

Solution benefits

With IPerHome server, the video door phone monitor is just one of the possible system user interfaces. Video door phone functions are now available even on your smartphone and tablet. All functions are available anywhere you are: a web connection is all you need.

i-Modo is the 7″ touch-screen monitor specific for IPerVoice and all IPerHome functions.

imodo

FUNCTIONALITY

Automation of lights and sockets
Automation of shutters and blinds
Adjustment of light intensity
Button-selected or automatic scenarios
Thermoregulation
Control of electrical loads
Metering of energy consumption
Digital video door phone functions
Intrusion alarm
Video surveillance
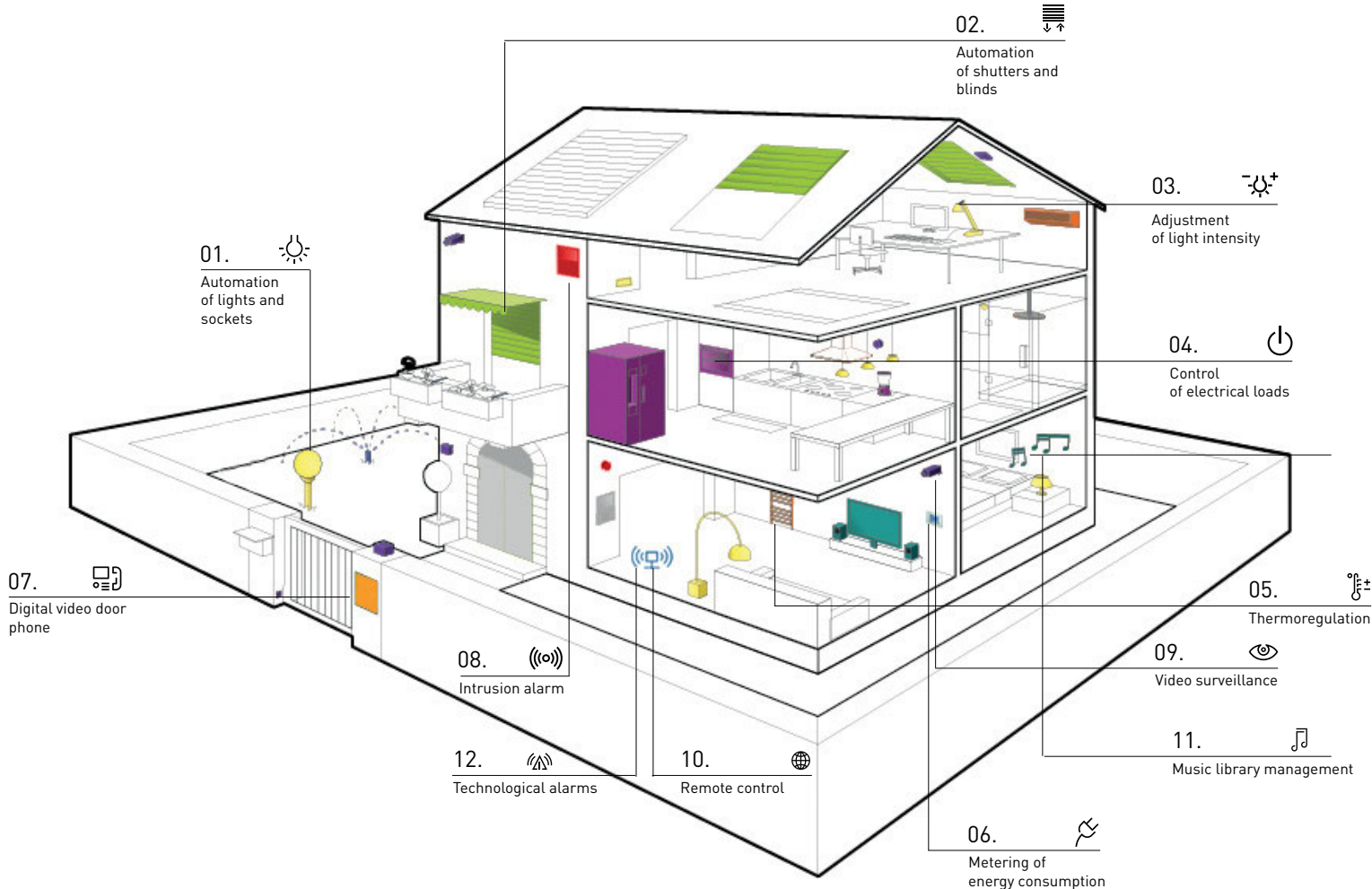**Control through smartphone, tablet, smart TV and PC**
Audio file management
Dynamic management of scenarios

Solution D

urmet

E / top comfort, security and control

01. Automation of lights and sockets

02. Automation of shutters and blinds

03. Adjustment of light intensity

04. Control of electrical loads

05. Thermoregulation

06. Metering of energy consumption

07. Digital video door phone

08. Intrusion alarm

09. Video surveillance

10. Remote control

11. Music library management

12. Technological alarms

The best control, endless possibilities.

All functions offered by the Solution D, but more performing: thanks to the integration with the server Pro version it can manage several building automation bus systems and several communication protocols in a single system. This endlessly enhances the system features, because it allows virtually any device to connect to IPerHome.

PRO SERVER

- Camera management in snapshot mode and FTP
- Music library management from NAS or internal hard disk
- Management of 600 points, 8 maps, 48 scenarios
- Up to 4 users connected at the same time
- Possibility to connect up to 2 additional bus systems
- Programmable through scripting

COMPATIBLE BUS SYSTEMS

IPerBus	Modbus RTU
KNX	IRTrans
Dali	Lutron
Modbus TCP	

This list may be updated without notice.

For a complete list please contact Urmet's sales network.

THE NEED

Purpose
Compatibility with a wide range of third-party systems, in order to be able to manage several complex devices with a single system.

Objectives
To install a powerful and versatile operating platform, virtually open to any system on the market, able to ensure top security and control levels.

Operational scenario
Industrial, luxury residential buildings, complexes characterised by high-density and high-heterogeneity of population.

Planned solution
Integration of third-party communication protocols and bus, enhanced passive security features.

THE SOLUTION

Integration with existing systems is quick and easy and allows you to minimise downtime associated with platform switching.

Solution benefits

This solution is an advanced integrated home control and management system, offering users the best in terms of operating features and security.

i-Modo not only allows access to video door phone and communication functions, but also to your multimedia files.

i-modo

FUNCTIONALITY

Automation of lights and sockets
Automation of shutters and blinds
Adjustment of light intensity
Button-selected or automatic scenarios
Thermoregulation
Control of electrical loads
Metering of energy consumption
Digital video door phone functions
Intrusion alarm
Video surveillance
Control through smartphone, tablet, smart TV and PC
Audio file management
Dynamic management of scenarios
Additional bus management

Solution E

urmet

Modo
The wide-
screen monitor
allowing advanced
communication
features

i-Modo
True multimedia
functionality, thanks
to the integrated
camera

The 7″ wide-screen monitors with touch-screen interface perfectly blend design and functionality. Modo and i-Modo allow access to a wide range of functions, which can be all controlled through a simple and user-friendly graphic interface. Thanks to Urmet technology, the digital video door phone can be integrated with customised home automation solutions through devices flaunting a modern and refined design.
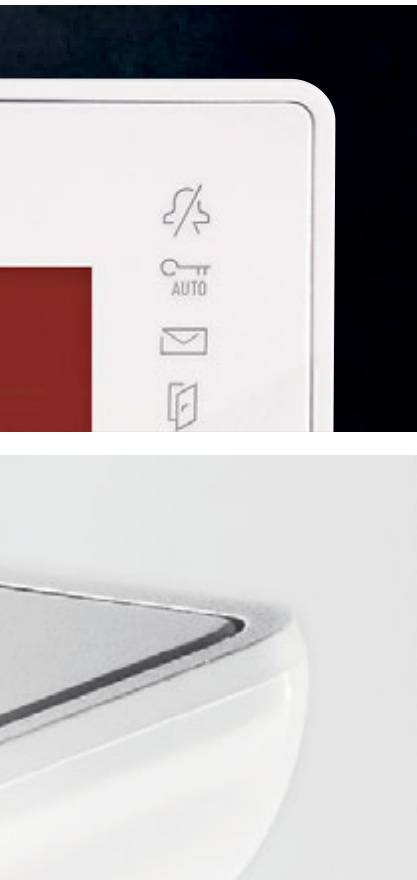
urmet

modo

Welcome style.

Modo embodies Urmet's ultimate notion of style. All video door phone functions can be controlled via a 7" touch-screen with a sleek case. Modo allows access to all functions of Urmet's 2Voice system: intercom and video surveillance.

Open the door to the future.

Modo is a revolution in the video door phone industry since for the first time it features a wide-screen. Furthermore, Modo leads the way to IPerHome, Urmet's Home Automation system allowing advanced integration among home control and management systems.

Modo can be wall-mounted with no need for brackets and is the perfect complement for modern and refined environments, thanks to its lightweight and bright white case. The clear screen and its four icons make it a smart device, with a user-friendly and simple interface.

Technical features

- **size** I 225 x 134 x 35 mm (W x H x D)

- **colour** | polished white

- **display** | colour 7" with icon menu and virtual number keypad

- **technology** | touch screen

- **installation** | surface wall mount

- video door phone, speakerphone, Full-duplex audio

- intercom

- exchange calls, management of 2 electric locks, surveillance camera scan, message backlog enquiry

- mute light indicator, door open indicator, message backlog enquiry, audio module

- ready for integration with hearing-aid users interface

|2|voice|

urmet

imodo

A 7" screen, Wi-Fi connectivity, touch-screen interface and exceptional multimedia functionality. i-Modo is pure communication freedom, ultimate image quality, safety and comfort as it allows to manage the video surveillance and lift systems all-in-one.

communication today

Beyond video door phones, toward communication.

i-Modo is a video door phone monitor over IP protocol, and much more. i-Modo lets you view live video surveillance images and use the intercom video call services thanks to the built-in front camera. i-Modo can manage all home automation functions of IPerHome.

i-Modo is designed for surface wall mount and interfaces with IPerHome to serve as a proper multimedia point for the whole home. Its polished black finish and smooth, neat lines lend i-Modo a stylish, refined appearance, while the interface uses high-contrast colour combinations for improved readability.

Functionality

• Complete integration with IPerHome

• Unlimited intercom calls from on-screen virtual keypad or directory

• Management of two electric locks

• Automatic door opener function

• Audio with two loudspeakers

Technical features

• **size** | 225 x 134 x 35 mm (W x H x D)

• **colour** | polished black

• **display** | colour 7˝ with icon menu and virtual number keypad

• **technology** | touch screen

• **installation** | surface wall mount

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IPer HOME

U_BRC1013_IPERHOME_C_ENG

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