

# Smart Home

Innovative building automation –  
at home or on the road

ubisys®

## More security, comfort and cost control

This system by ubisys offers smart solutions for intelligent home and building automation. A highlighted feature of our system being remote management of your property when on the road whilst simultaneously improving security. Another remarkable feature of ubisys Smart Home - it helps cutting down on costs by optimizing overall energy efficiency in combination with high sustainability.

All in all this system makes everyday life more comfortable as it allows you to use your conventional switches as well as your mobile phone or tablet.

You will have all relevant features of your home at a glance: lighting and shutter controls, heating controls or your alarm system. ubisys Smart Home is wireless based allowing for cost efficient addition of components – no additional power lines required.

### Advantages

The ubisys system allows for the usual switch operated use but also operating the property via mobile end devices – all features available at a glance. The usually complex building controls are displayed as easily recognizable graphics enabling fast orientation in an intuitive menu.

#### Most important advantages

- Home automation while on the go via smartphone/tablet
- Low initial costs, no monthly fees
- Entire building technology at a glance
- Suited for retro-fitting
- Simple and intuitive operation
- Uncomplicated configuration



### Solutions

ubisys Smart Home offers a solution for every aspect of building technology. From user applications to lighting controls up to climate regulation and security functions. Our product range is constantly extended.

#### Most important solutions

- Light, shutter, heating and electrical consumer controls
- Integrated consumption metering
- Added comfort due to scenes and time control
- Automation
- Alarm and security features including push notification to your smartphone
- Control via Apple HomeKit
- Voice control via Amazon Echo

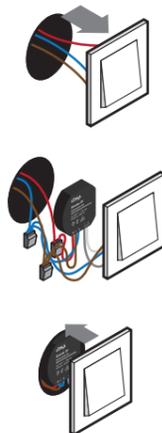


### Installation

First and foremost ubisys Smart Home is a flush-mount solution. Therefore all building technology components are installed beneath the available sockets and switches.

#### Most important advantages

- Quick and uncomplicated installation
- Invisible (flush- and DIN-rail mounting)
- Ideal for existing building stock, no additional wiring required
- Not bound to any switch and socket manufacturer
- System can gradually be extended step by step



### International wireless standard

All of ubisys very innovative products are based on current wireless technology utilizing short distance wireless standard IEEE 802.15.4 and all integrated network system and application protocols of the ZigBee Alliance – according to international standards.

Your building technology will always be up to date for all components constantly update themselves – thus eliminating any servicing by a technician.

#### Most important advantages

- Compatible with other manufacturer's devices (Philips, Osram etc.)
- Encrypted data transmission (128-Bit AES)
- Very low transmission power output – very short transmitting duration
- Mesh Network
- Automatic updates
- ZigBee 3.0 certified



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## Products (selection)



G1



D1



J1



S1



S2



C4



R0



D1-R



J1-R



S1-R



S2-R



H10 (example foto)



ubisys app



Security starter set



iPad frame



Interoperable third party products

## Gateway G1

The gateway is your "switch board" connecting you to the outside world. It establishes a link via the internet fusing the ubisys Smart Home app on your mobile end device with the ubisys Smart Home components installed in your home. Connect the gateway with your DSL, UMTS or LTE router and you can manage and monitor your home while on the road. Our greatest emphasis was put on security — no matter if it's ZigBee transmissions from within or access from the outside: Reliable encryption, key exchange and signature functions (AES-128, ECDH, ECDSA) ensure that you are always in control.

The intuitively operated display lets you set up the gateway effortlessly. The only requirement being a web browser. Our gateway will download the latest firmware for itself and all other components within the system. We also integrated a remote maintenance function — which only you can enable us — so that our support team can make servicing as fast and efficient as possible.

### Features

- ZigBee 3.0 certified
- Very low power consumption (<1W)
- Smart Facility Server
- ZigBee Over-the-Air Upgrade Server
- ZigBee/IP Gateway (GRIP)
- Linux operating system

**Price** **From € 329.00\***

## Power switch S2

This universal switching actuator allows you to switch any two electrical consumers/end devices (motors as well) with a constant power draw of up to 500VA each. Ideally suited for 2 fluorescent tubes and a double switch. ubisys S1 can be flush-mounted behind any socket, behind any light switch or into a wall or even ceiling outlet.

### Features

- 2 end devices switch
- 2 operating elements (switch/push-button)
- ZigBee 3.0 certified
- Power consumption metering
- Flush-mounted (invisible - not bound by any switch/socket manufacturer)
- Overload protection

**Price** **€ 99.00\***

## Shutter control J1-R

DIN-rail version of our shutter control J1

**Price** **€ 169.00\***

## Smart Home app

The ubisys Smart Home app opens up the possibility to manage your property with an iPhone, iPad or iPod touch — while on the road or from any room in your house or apartment. Of course there also is a version for smartphones and tablets running on Google Android operating system.

You can keep an eye on all Smart Home components at any time via mobile wireless or WiFi.

### Features

- Building management (Lighting, shutter, heating controls)
- Groups and scenarios
- Set up
- Surveillance
- Power consumption
- Switch between multiple locations/properties
- Free software updates



**Price** **€ 9.99\***

## Universal dimmer D1

This universal dimmer allows for continuously variable brightness regulation of conventional light bulbs, high-voltage halogen lamps, low-voltage halogen lamps with a conventional wound transformer, low-voltage halogen lamps with an electronic transformer, and even dimmable LEDs and CFL lamps. The D1 can be flush-mounted behind any socket, behind any light switch into a wall or even ceiling outlet.

### Features

- 1 Dimmable electrical consumer (forward or reverse phase controlled)
- 2 Control elements (push-button/switch)
- ZigBee 3.0 certified
- Power consumption metering
- Flush-mounted (invisible - not bound to any switch/socket manufacturer)
- Overload protection

**Price** **€ 119.00\***

## Control unit C4

Control unit C4 is a wireless component with 4 operating elements for additional Smart Home components. This flush-mount version is to be combined with common switches and seamlessly integrated into existing building technology.

Control unit C4 is an option only in combination with other ubisys Smart Home components.

### Features

- 4 Control elements (push-button/switch)
- ZigBee 3.0 certified
- Flush-mounted (invisible - not bound by any switch/socket manufacturer)

**Price** **€ 99.00\***

## Power switch S1-R

DIN-rail version of our power switch S1. Supports a second operating element.

**Price** **€ 119.00\***

## Security starter set

This starter set is the ideal first step to making your smart home secure. Sensors will immediately let you know on the app if any dangerous situation occurs. Protect yourself against burglary, fire or smoke hazards. All sensors can be installed quickly and easily anywhere on your property - no need for a professional installer. A push message on your mobile device will notify you immediately as soon as a sensor is triggered. Arming / disarming of your system is easily done with the ubisys Smart Home app.

The starter package can be extended by additional safety components as needed and required. But also non security related components for intelligent building control (lighting and blinds control, heating regulator, etc.) can be added at any time. The use of radio technology offers you the opportunity to gradually expand your system cost-effectively.

**Price** **€ 395.00\***

## Shutter control J1

This shutter control allows you to drive your shutters, awnings, screens and blinds up and down. You can use motors with a max. power output of up to 500VA. The shutter control J1 can be flush-mounted behind any socket, behind any shutter push button or into a wall or even ceiling outlet

### Features

- 1 shutter/blind/marquee projector screen control
- 2 operating elements (push-buttons)
- ZigBee 3.0 certified
- Power consumption metering
- Flush-mounted (invisible - not bound by any switch/socket manufacturer)
- Overload protection

**Price** **€ 149.00\***

## Router R0

The router R0 is a ZigBee radio router and is used for routing ZigBee data in widely ramified buildings. In the current flush mount version, it is compatible to any standard switch box.

### Note:

The router R0 is to be considered as an additional option, which provides additional inputs. The components D1/-R, S1/-R, S2/-R, J1/-R, C4 and G1 already feature the router function. The router R0 has no connectors for control units (switch inputs, push-buttons or loads). Using this device makes only sense when combined with other ZigBee devices.

**Price** **€ 79.00\***

## Power switch S2-R

DIN-rail version of our power switch S2.

**Price** **€ 119.00\***

## Aluminium frame for iPad

If you prefer managing your property with an iPad, iPad Air or iPad Mini, we recommend the high end CNC aluminium frame. Easily mounted on any wall only using 2 screws. Inserting the iPad is done quickly and easily simply by removing the lower frame (held by magnets). The aluminium frame consists of 2 parts and comes in all colours, shapes, sizes and variations.

### Features

- Available in various versions
- High end workmanship
- Vertical/horizontal installation possible
- Security version available

**Price** **From € 308.00\***

## Power switch S1

This universal switching actuator allows you to switch any electrical consumer/end device with a constant power draw of up to 3,680VA — corresponding to a current of 16A at 230V. ubisys S1 remains in its current switching state even after restarting, e.g. after a firmware update — ideally suited for monitoring critical electrical consumers (servers, cooling aggregates etc.). ubisys S1 can be flush-mounted behind any socket, behind any light switch or into a wall or even ceiling outlet.

### Features

- 1 end device switch
- 1 operating element (switch/push-button)
- ZigBee 3.0 certified
- Power consumption metering
- Flush-mounted (invisible - not bound by any switch/socket manufacturer)
- Overload protection

**Price** **€ 99.00\***

## Universal dimmer D1-R

DIN-rail version of our universal dimmer D1.

**Price** **€ 139.00\***

## Heating regulator H10

Our heating regulator H10 for underfloor heating allows for individual room control and is very versatile due to its modular concept. The base module fits up to 10 thermo-electric actuators for underfloor heating to be connected to your smart home. Optional add-on modules offer controlling of circulation pumps, the detection of forward and return temperatures for advanced control algorithms, the generation of heat requirement notifications to conventional boilers, and connecting existing room thermostats. It goes without saying that includes communicating with ZigBee thermostats and temperature sensors.

### Prices

**H10 base module (24V/230V)** **€ 249.00\***

**H10 thermostat interface (24V/230V)** **€ 119.00\***

**H10 sensor interface** **€ 119.00\***

**H10 heating/cooling demand module** **€ 119.00\***

**H10 pump control** **€ 119.00\***

**Contact temperature sensor** **€ 9.99\***

**Set with 6 contact sensors (1 x forward flow, 5 x return flow)** **€ 49.00\***

**Set with 11 contact sensors (1 x forward flow, 10 x return flow)** **€ 79.00\***

## Interoperable third party products

ubisys Smart Home is based on the international radio standard ZigBee. This gives you the possibility of integrating other manufacturers ZigBee products into your system. These include lamps and bulbs with ZigBee connection from major manufacturers such as Osram, Philips and IKEA. But even sensors such as smoke detectors, motion detectors, temperature sensors, leak detectors, etc. can be integrated into your smart home. Additional products: wireless pushbuttons, smart plugs, remote controls, etc. A selection of compatible devices from reputable manufacturers is available in our online shop at [www.smarthome-store.de](http://www.smarthome-store.de).

For all products and reseller discounts please visit [www.smarthome-store.de](http://www.smarthome-store.de).



\* All prices incl. VAT, plus postage and packing