OBLO
LIVING

SMART
HOME
SOLUTIONS

OBLO LIVING

OBLO Living (shortly OBLO) is a smart home company built on a passion for innovation and high-quality products and solutions.

OBLO combines end-to-end software solution for home automation with in-house developed home automation devices and devices from our partners to cover lighting, security, safety, energy management and other aspects of the fast-growing home automation market.

We strive to make your everyday life easier by keeping you and your home safe, more efficient and more comfortable.

HOW OBLO LIVING HOME AUTOMATION SYSTEM WORKS?

In OBLO home automation system the four elements work together to create your perfect smart home: Applications, Home Automation (HA) Gateway, Cloud and Nodes

APPLICATIONS

By providing an intuitive, easy to use app for major mobile platforms (Android and iOS) and web browser based devices (HTML), we ensure fine-grade control of your home at no effort. With OBLO Living app you can always keep an eye on your home. The app will help you to monitor and control your entire home no matter where you are.

HA GATEWAY

The central place in OBLO home automation system is reserved for a home automation gateway device, which serves as a brain of the system. It is a central device that integrates the OBLO products into an intelligent system and allows you to monitor and control them from the OBLO Living app.

CLOUD

OBLO cloud plays an important role in OBLO home automation system, since it enables home control and monitoring from any location. Built around modern web technologies, it ensures the highest security and robustness with the lowest latency in home automation communication chain.

NODES

By using OBLO Living nodes together with free mobile app and a gateway, you will turn your home into a smart home in few simple steps. Whether you want to control your lights, indoor temperature, power consumption or something else, OBLO nodes are at your service.

USE CASES

LIGHTING

- Remotely control your lights
- Automatically turn on/off lights
- Set ambient light based on your mood
- Change the color of your lights

SECURITY

- Monitor your home via IP camera
- Detect emergency situations
- Get notified about security flaws in your home
- Keep your home safe from potential burglars

ENERGY

- Remotely control heating and cooling systems
- Monitor power consumption of home appliances
- Control your home in a smarter way to reduce energy bills
- Get notified about high energy consumption sources

COMFORT

- Create your morning scene for the perfect start of the day
- Control devices without leaving your seat
- Monitor temperature, light intensity and humidity in your home
- Get outdoor weather information

PRODUCTS

Applications

OBLO allows you to control and monitor your entire home with one simple app. See statuses, change settings, control devices, create your own scenes and receive notifications with ease.

By providing easy to use app, we ensure fine-grade control of your home at no effort.

SUPPORTED PLATFORMS

OBLO app is available for Android and iOS smartphones and tablets. Additionally, we offer an app for web browser based devices (HTML).

SERVICES

DEVICES BY LOCATION
The end user can control and monitor devices by their location (e.g. living room, kitchen, etc.)
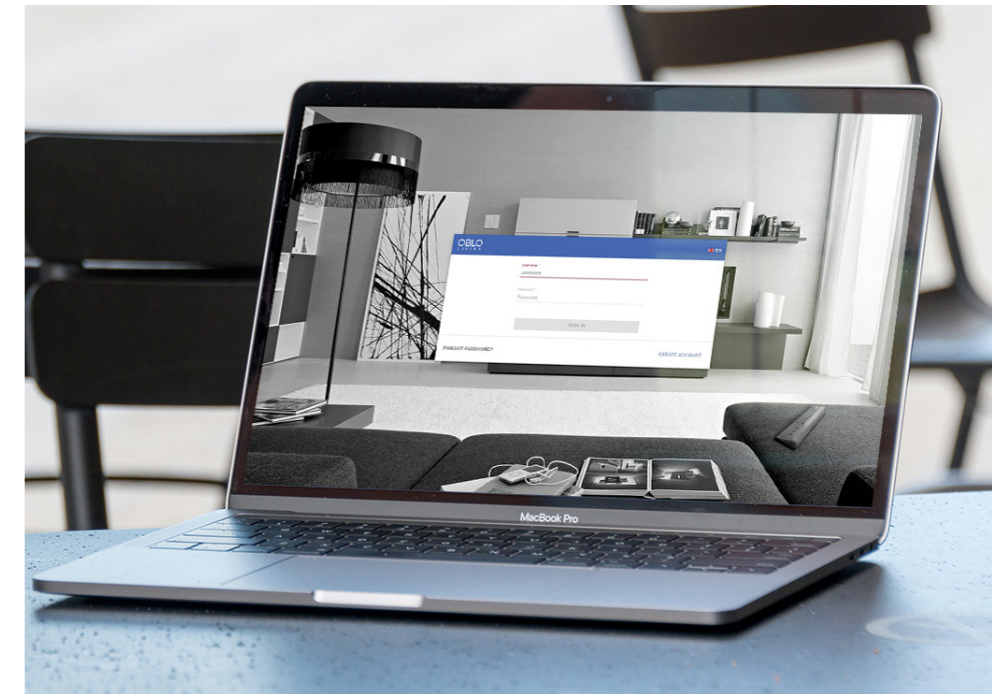
DEVICES BY TYPE
The end user can control and monitor devices by their type (e.g. lights, temperature sensors, etc.)

SCENES
Allows the end user to define an action on specific event (e.g. turn on the light when someone enters the room, etc.)

HOME SETUP
Is used to configure user's home (add/remove nodes, rename room, add floor, etc.)

ADD A BIT OF SMARTNESS TO YOUR HOME

There are many features of OBLO Living app, but scenes can make your home really "smart". Now, in three simple steps, you can create your own scene according to your needs.

Define a trigger
When creating your own scene, you can choose between time trigger (e.g. Monday at 8PM) and device trigger (e.g. motion detected).

Set status
In the next step, you should set the status at which your scene will be active (Armed, At Home, Night, etc.).

Define actions
Define an action (or action sets) for defined triggers (e.g. turn the lights on for a few minutes when motion is detected).

HA GATEWAY

DOC400

26

108   108

*dimensions are given in mm

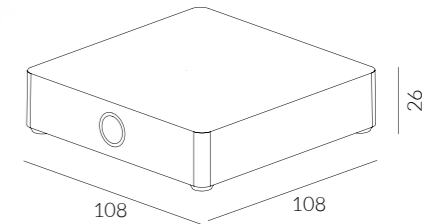Package includes: HA Gateway, Ethernet cable, power supply, user manual

HA Gateway

OBLO Living HA Gateway device takes central place in home automation system. Our stylish desktop gateway supports ZigBee, Z-Wave Plus and IP home automation protocols.

It is based on a cost-effective "proven" SoC with outstanding LAN/Wi-Fi capabilities and supports worldwide markets thanks to the external power supply. Combined with OBLO client (Android/iOS/HTML) applications and OBLO cloud service it provides a turnkey platform that covers lighting, security, safety, energy management and other aspects of the fast-growing home automation markets.

KEY FEATURES

ZIGBEE
Compliant with ZigBee Home Automation 1.2

Z-WAVE PLUS
Compliant with Z-Wave Plus

IP
Supports integration of IP-based devices

WIFI AND ETHERNET
Connects to your Internet router either via WiFi or Ethernet cable

EXTERNAL PSU
Supports worldwide markets

BUZZER
Built-in buzzer alerts emergency situations

TECHNICAL SPECS

CONNECTIVITY
ZigBee
Z-Wave Plus
IP (WiFi and Ethernet)

RANGE
Up to 30m (depending on your home's construction)
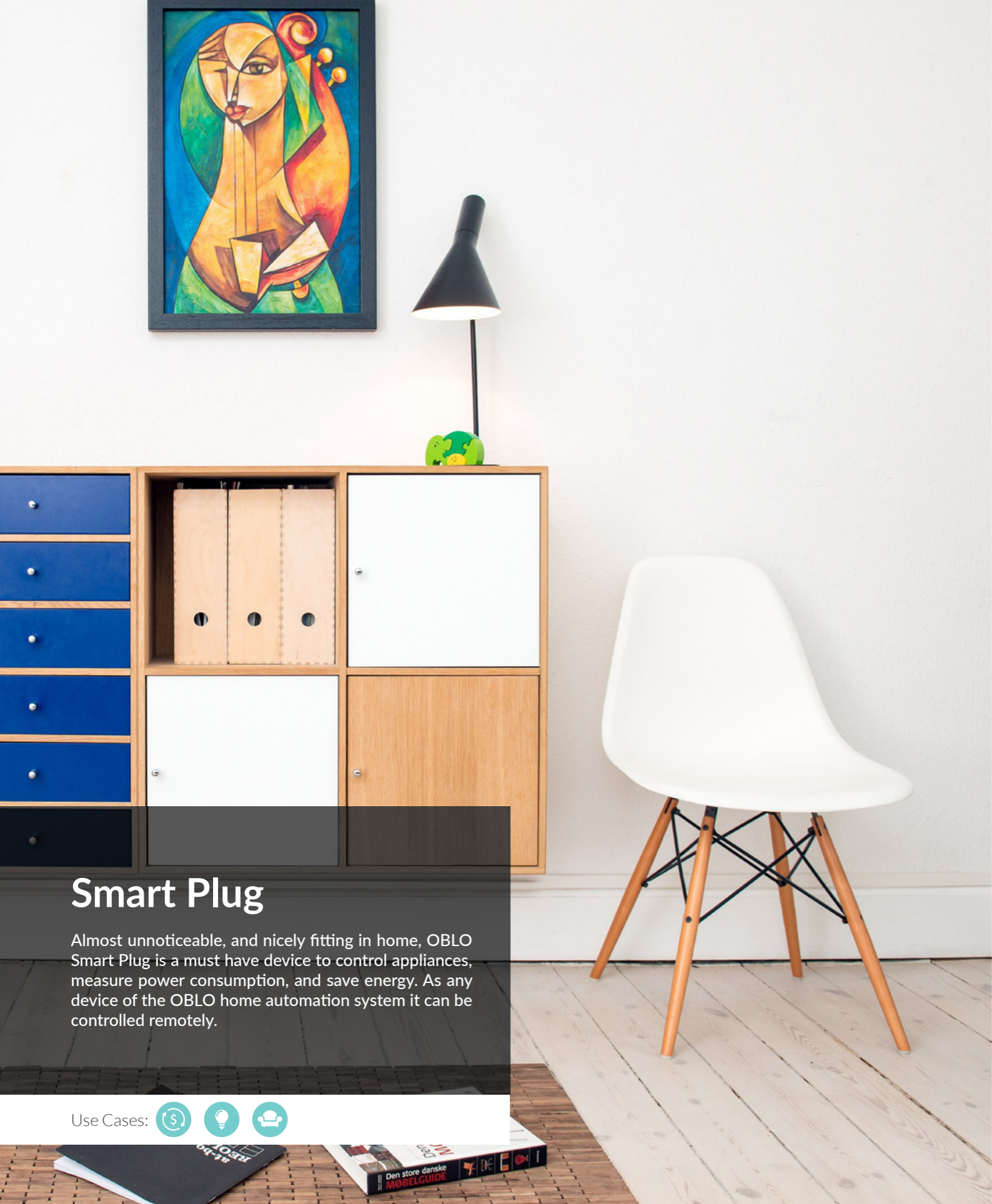
OPERATING CONDITIONS
Indoor usage (protection degree IP20)
Temperature: 0 to 40 °C

POWER SUPPLY
~110 - 230VAC, 50-60Hz
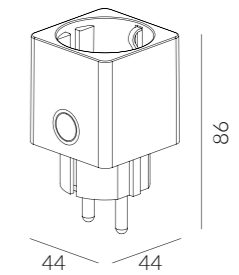
POWER CONSUMPTION
<5W

Smart Plug

Almost unnoticeable, and nicely fitting in home, OBLO Smart Plug is a must have device to control appliances, measure power consumption, and save energy. As any device of the OBLO home automation system it can be controlled remotely.

Use Cases:

SMART PLUG

B1100

86

44   44

*dimensions are given in mm

Package includes: Smart Plug, user manual

KEY FEATURES

REMOTE CONTROL
Ideal for remote control of electric devices

HIGH-LOAD DEVICE CONTROL
Up to 3600W load control

POWER CONSUMPTION MEASUREMENT
Measures power consumption of the device attached to it

OVERLOAD PROTECTION
Automatically switches off the device when power consumption exceeds user defined limit

ADVANCED ZIGBEE
Extends the range and supports large ZigBee networks

LED INDICATION
RGB ring changes its color depending on current power consumption

TECHNICAL SPECS

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage (protection degree IP20)
Temperature: 0 to 40 °C

POWER
German "Schuko" socket (CEE 7/3, 230VAC, 50Hz)
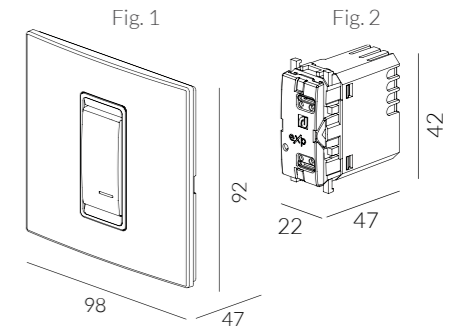
MAXIMUM LOAD
16A 230VAC

Smart Dimmer

Remotely control your lights or set ambiance by replacing existing switches with OBLO Smart Dimmer switches to furnish any room throughout your home, improving comfort and energy savings. Increase your comfort level by setting the perfect light level for any activity and enjoy every moment of it.

Use Cases:

SMART DIMMER

sEB100 (Smart Dimmer Set - Fig. 1)
EB100 (Smart Dimmer - Fig. 2)

Fig. 1   Fig. 2

98   47   42   22   47   92

*dimensions are given in mm

Dimmer Set package includes: Smart Dimmer, mounting frame, decorative mask, switch button, user manual

Dimmer package includes: Smart Dimmer, user manual

KEY FEATURES

RETROFIT SOLUTION
Easily replace existing switch with OBLO Smart Dimmer. Fits into standard Ø 60 mm wall box

MODULAR DESIGN
Up to 7 Smart Dimmers can be arranged within single wall-mount point

ADVANCED ZIGBEE
Extends the range and supports large ZigBee networks

EASY INSTALLATION
Supports both 2-wire and 3-wire installation methods

SUPPORTED LIGHT TYPES
LED, incandescent and CFL

INTERCHANGEABLE MASKS
Screw-less masks available in a variety of colors and materials will perfectly match your interior

TECHNICAL SPECS

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage (protection degree IP20)
Temperature: 0 to 40 °C

POWER
Wall powered (230VAC, 50Hz)

LOAD TYPE
2-wire: incandescent, dimmable LED and dimmable CFL
3-wire: incandescent, non dimmable and dimmable LED and CFL

MAXIMUM LOAD
200W (50W recommended for LED and CFL)
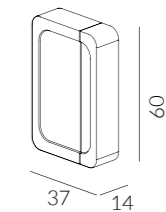
Door/Window Sensor

Expand your monitoring possibilities by installing OBLO Door/Window Sensor. The sensor combines features of contact state changes detection, temperature measurement and ZigBee wireless communication in a single tiny device.

Use Cases:

DOOR/WINDOW SENSOR

DC100

60
37   14

*dimensions are given in mm

Package includes: Door/Window Sensor, adhesive strips, mounting screws, user manual

KEY FEATURES

CONTACT STATE
Informs the end user about contact state changes

TEMPERATURE MEASUREMENT
Embedded temperature sensor measures room temperature

ADVANCED SECURITY
Tamper switch alerts unauthorized activities

EASY INSTALLATION
Adhesive strips or mounting screws

LONG BATTERY LIFE
Reed switch-based design ensures long battery life. The end user is anyhow notified about critical battery level

TECHNICAL SPECS

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage (protection degree IP20)
Temperature: -5 to 45 °C

POWER
Battery powered (1 x CR2450 battery, pre-installed)

TEMPERATURE MEASUREMENT
Range: -5 to 45 °C
Accuracy: ~1 °C

SCENE CONTROLLER

sE1100 (Scene Controller Set, 1 button - Fig. 1)
sE2100 (Scene Controller Set, 2 buttons - Fig. 1)
E1100 (Scene Controller, 1 button - Fig. 2)
E2100 (Scene Controller, 2 buttons - Fig. 2)

Fig. 1   Fig. 2

*dimensions are given in mm

Scene Controller Set package includes: Scene Controller, mounting frame, decorative mask, switch button, user manual

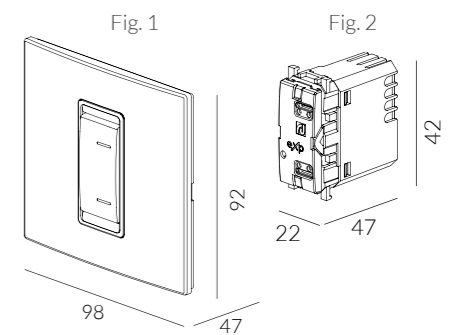Scene Controller package includes: Scene Controller, user manual

Scene Controller

Set your favorite ambient at the touch of a button by using OBLO Scene Controller. By using it, you can create up to four ambiance scenes according to your needs.

Use Cases:

KEY FEATURES

SCENES
Allows definition of ambiance scenes

RETROFIT SOLUTION
Fits into standard Ø 60 mm wall box

INTERCHANGEABLE MASKS
Screw-less masks available in a variety of colors and materials will perfectly match your interior

EASY INSTALLATION
Integration into existing infrastructure can be done in seconds

TECHNICAL SPECS

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage (protection degree IP20)
Temperature: 0 to 40 °C

POWER
Wall powered (230VAC, 50Hz)

BATTERY SCENE CONTROLLER

BC100

92

98

10

*dimensions are given in mm

Package includes: Battery Scene Controller, adhesive strips, mounting screws, user manual
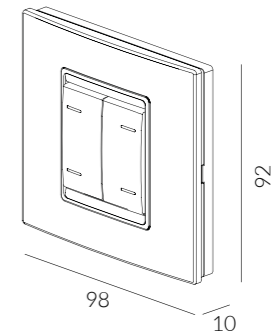
Battery Scene Controller

Increase your comfort by setting up ambiance scenes in your home or office - use stylish, innovative, affordable and simple solution - OBLO Battery Scene Controller.

Use Cases:

KEY FEATURES

SCENES
Allows definition of 8 scenes with 4 buttons available (short and long press)

TEMPERATURE MEASUREMENT
Embedded temperature sensor measures room temperature

EASY INSTALLATION
Mount it on the wall with adhesive strips or mounting screws or simply put it wherever you want

LONG BATTERY LIFE
Optimized design ensures long battery life. The end user is anyhow notified about critical battery level

INTERCHANGEABLE MASKS
Screw-less masks available in a variety of colors and materials will perfectly match your interior

TECHNICAL SPECS

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage (protection degree IP20)
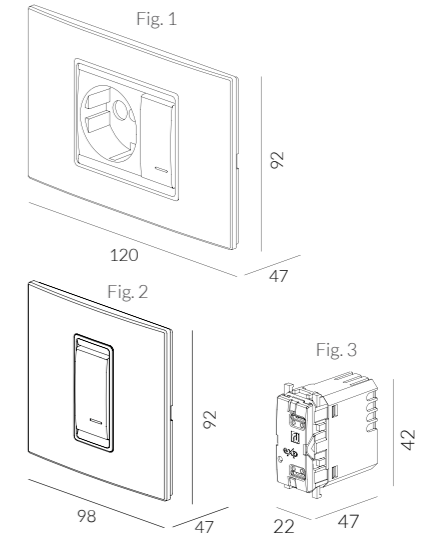Temperature: -5 to 45 °C

POWER
Battery powered (1 x CR2450 battery, pre-installed)

TEMPERATURE MEASUREMENT
Range: -5 to 45 °C
Accuracy: ~1 °C

HIGH LOAD SWITCH

sAE100 (High Load Switch Set with outlet - Fig. 1)
sAE101 (High Load Switch Set - Fig. 2)
AE100 (High Load Switch - Fig. 3)

Fig. 1

92

120

47

Fig. 2

92

98

47

Fig. 3

42

22   47

*dimensions are given in mm

Set with outlet package includes: High Load Switch, mounting frame, decorative mask, outlet, switch button, user manual

Set package includes: High Load Switch, mounting frame, decorative mask, switch button, user manual

Switch package includes: High Load Switch, user manual

High Load Switch

OBLO High Load Switch controls home appliances, monitors power usage and saves energy. It also can limit power consumption to user defined limit, in order to protect from overload.

Use Cases:

KEY FEATURES

REMOTE CONTROL
Ideal for remote control of electric devices

HIGH-LOAD DEVICE CONTROL
Up to 2200W load control

POWER CONSUMPTION MEASUREMENT
Measures power consumption of the device attached to it

OVERLOAD PROTECTION
Automatically switches off the device when power consumption exceeds user defined limit

TECHNICAL SPECS

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage (protection degree IP20)
Temperature: 0 to 40 °C

POWER
230VAC, 50Hz

MAXIMUM LOAD
10A 230VAC

KEY FEATURES

Detects Carbon Monoxide (CO)

Audio alert

TECHNICAL SPECS

CO Sensor
HM100

Smart Carbon Monoxide (CO) gas detector provides you and your family with a loud warning signal against the dangers of elevated carbon monoxide levels in your home.

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 40m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 50 °C

POWER
Battery powered (DC3V lithium battery, pre-installed)

SOUND ALARM
85dB/1m

DIMENSIONS
W x H x D: 60 x 60 x 49 mm

Use Cases:

KEY FEATURES

Detects water leakage

Low battery indication

TECHNICAL SPECS

Flood Sensor
HM300

By using Flood Sensor you can prevent avoidable water damage to your home or belongings. It will warn you instantly of any potential damage.

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 40m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 50 °C

POWER
Battery powered (DC3V lithium battery, pre-installed)

DIMENSIONS
W x H x D: 60 x 30 x 12 mm

Use Cases:

KEY FEATURES

Detects smoke

Audio alert

TECHNICAL SPECS

Smoke Sensor
HM200

Keep your house safe with installed Smoke Sensor, get an instant notification about any potential danger and optionally permit siren warning activation.

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 40m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 50 °C

POWER
Battery powered (DC3V lithium battery, pre-installed)

SOUND ALARM
85dB/3m

DIMENSIONS
W x H x D: 60 x 60 x 49 mm

Use Cases:

KEY FEATURES

Detects motion

110° detecting angle

TECHNICAL SPECS

Motion Sensor
HM400

Motion Sensor lets you know everything is okay in your house, so you can relax wherever you are. Sensor works when you are not home, or when you tell the system you are not there.

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 40m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 50 °C

POWER
Battery powered (DC3V lithium battery, pre-installed)

DETECTING ANGLE
110°

DETECTING DISTANCE
9-12 m

DIMENSIONS
W x H x D: 65 x 65 x 28mm

Use Cases:

KEY FEATURES

Tamper alarm

Long battery life

Easy installation

TECHNICAL SPECS

Multisensor
PT100

The slim Multisensor combines motion sensor (PIR), temperature sensor and light intensity sensor – all in one small package.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 40m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 40 ℃

POWER
Battery powered (1 x CR123A battery)

DIMENSIONS
W x H x D: 28 x 96 x 23 mm

Use Cases:

KEY FEATURES

Built-in 5 direction IR emitters (hemispherical coverage), plus 3.5mm jack for external wired IR emitter

Built-in AC IR code library with Configuration

Learning capability

Best-in-class learning capability

Built-in temperature sensor

TECHNICAL SPECS

AC Controller
RM100

AC Controller makes your air conditioner smart with main goal to maximize your comfort. Also, by using it you can save more on your AC energy costs.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

IR OPERATING DISTANCE
Up to 8m line of sight, in unobstructed environment

TEMPERATURE MEASUREMENT
Range: 0 to 40 ℃
Accuracy: ~1 ℃

OPERATING CONDITIONS
Indoor usage
Temperature: 0 to 40 ℃

POWER
5 VDC, 100 mA

DIMENSIONS
DIA x H: 70 x 18 mm

Use Cases:

KEY FEATURES

105 dB speaker system

Super bright LED system

Backup battery

Easy installation

TECHNICAL SPECS

Siren
AT100

Siren is the perfect accessory for your safety and security. It is an easy to use & install indoor alarm that can sync up to your existing home automation gateway.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 40m

OPERATING CONDITIONS
Temperature: 0 to 45 ℃

POWER
230 VAC, 50Hz; Max: 30mA
Backup battery (430 mAh lithium battery, pre-installed)

POWER CONSUMPTION
1.7 W

DIMENSIONS
W x H x D: 55.8 x 83.8 x 45.7 mm

Use Cases:

KEY FEATURES

360° IR range

Easy installation

TECHNICAL SPECS

IR transceiver
HK 100

IR transceiver is the ideal device for increasing your comfort. By using it, you can easily control your home cooling or multimedia system from any mobile device.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

IR RANGE
360° , 7-10m

OPERATING CONDITIONS
Indoor usage
Temperature: 0 to 40 ℃

POWER
5V/1A Micro-B

DIMENSIONS
W x H x D: 85 x 22 x 85 mm

Use Cases:

KEY FEATURES

Allows remote control

Color setting (LS300)

ON/OFF and dimming function

Easy and safe to install

Color temperature setting (LS200 and LS300)

TECHNICAL SPECS

Smart Bulb
LS100 - Dimmable, LS200 - CCT,
LS300 - RGBW

By using Smart Bulbs, you can easily change the color of your lights or set ambient light based on your mood. Make it happen as simply as a tap-your-preference in our smart home application.

Use Cases:

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -20 to 40 °C

FIXTURE
E27

POWER
110 - 230 VAC ±10%
50 / 60 Hz

LUMEN
806 lm

CCT
2700-6500 K (LS200 and LS300)

DIMENSIONS
W x H: 120 x 60 mm

KEY FEATURES

1.3 Megapixel Wi-Fi camera

PTZ rotation

Built-in motion sensor

Micro SD card support (up to 64GB)

TECHNICAL SPECS

PTZ Indoor IP Camera
A10D

PTZ Indoor IP Camera with 1.3MP resolution, built-in motion sensor, microphone and PTZ rotation is a perfect choice for your home's security.

Use Cases:

COMMUNICATION PROTOCOL
IP

VIDEO
Compression: H.264
Resolution: (1280*720),VGA(640*352),
QVGA(320*176)

AUDIO
Format: G711/726
Microphone: -52dB

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 50 °C

POWER
5 VDC 2A

DIMENSIONS
W x H x D: 95 x 115 x 120mm

KEY FEATURES

2 Megapixel Wi-Fi camera

IR range 10m

Micro SD card support (up to 128GB)

TECHNICAL SPECS

Indoor IP Camera
115W

IP Camera's elegant blend of aesthetics combined with a range of easy mounting solutions provides an excellent choice for a variety of small Wi-Fi applications at an affordable price.

Use Cases:

COMMUNICATION PROTOCOL
IP

VIDEO
Compression: H.264
Resolution: (1920*1080), VGA (640*352),QVGA
(320*176)

AUDIO
Format: G711/726
Microphone: -52dB

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 50 °C

POWER
5 VDC, 1A, USB

DIMENSIONS
DIA x H: 92 x 28mm

KEY FEATURES

2 Megapixel Wi-Fi camera

Motion detection

Night vision

Micro SD card support (up to 128GB)

TECHNICAL SPECS

Outdoor IP Camera
158W

Outdoor IP Camera delivers 2MP resolution with night vision option and SD card support making it the perfect choice for your home's security.

Use Cases:

COMMUNICATION PROTOCOL
IP

VIDEO
Compression: H.264
Resolution: (1920*1080), VGA(640*352),
QVGA(320*176)

NIGHT VISION
IR angle: 110 °
IR distance: 15m

OPERATING CONDITIONS
Outdoor usage
Temperature: -10 to 50 °C

POWER
12 VDC 1A

DIMENSIONS
DIA x L: 72*180mm

KEY FEATURES

Built-in temperature sensor

Energy saving

Easy installation

TECHNICAL SPECS

Room Controller
DF100

Room Controller is a battery operated device which measures room temperature and allows you to control heating.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Temperature: 0 to 40 °C

POWER
Battery powered (2 x AA batteries, 1.5V)

POWER CONSUMPTION
1.2 W

DIMENSIONS
W x H x D: 81 x 66 x 21 mm

Use Cases:

KEY FEATURES

Glass panel

Energy saving

Easy installation

TECHNICAL SPECS

Room Thermostat
MC100

Room Thermostat is a device which allows you to remotely control heating and electrical systems in your home. It is easy to install and use and it provides a high level of comfort and helps you to save energy.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: 0 to 50 °C

TEMPERATURE
Setting range: 5 to 37°C

POWER
AC220V±10, 50/60HZ

DIMENSIONS
W x H x D: 86 x 86 x 43 mm

Use Cases:

KEY FEATURES

Touch screen

Energy saving

Easy installation

TECHNICAL SPECS

Room Thermostat
RT100

Room Thermostat is a device which allows you to remotely control heating and cooling systems in your home. It is easy to install and use and it provides a high level of comfort.

COMMUNICATION PROTOCOL
ZigBee

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 60 °C

TEMPERATURE
Setting range: + 7-50 ° C
Resolution: 0.1 ° C
Accuracy: ± 0.5 ° C

POWER
Battery powered (2x AA batteries, 1.5V)

DIMENSIONS
W x H x D: 86 x 86 x 22 mm

Use Cases:

KEY FEATURES

Touch screen

Heating, cooling and ventilation mode

Easy installation

TECHNICAL SPECS

Fan Coil Thermostat
MC101

Fan Coil thermostat is a Z-Wave device for indoor temperature control. It is mainly applied to a 2-pipe and 4-pipe Fan Coil systems. It can read room temperature and local time, and automatically control fan speed based on the temperature difference.

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: 0 to 55 °C

TEMPERATURE SETPOINT RANGE
Setting range: 5 to 35°C

POWER
AC85V~260V, 50/60HZ

POWER CONSUMPTION
1.2 W

DIMENSIONS
W x H x D: 86 x 86 x 42 mm

Use Cases:

KEY FEATURES

Energy saving

Open window function

Minimum/maximum temperature limitations

Easy installation

TECHNICAL SPECS

Radiator Thermostat
DF200

Radiator Thermostat is easy to install thermostat for residential use which provides high level of comfort and helps you to save energy.

Use Cases:

COMMUNICATION PROTOCOL
Z-Wave

MAXIMUM WATER TEMPERATURE
90°C

RANGE
Up to 30m (depending on your home's construction)

POWER
Battery powered (2 x AA batteries, 1.5V)

OPERATING CONDITIONS
Temperature: 0 to 40 °C

POWER CONSUMPTION
1.2 W

TEMPERATURE SETPOINT RANGE
4 - 28°C

DIMENSIONS
DIA x D: 51 × 91 mm (with RA valve adapter)

KEY FEATURES

Controls RGB/RGBW strips, LED strips and bulbs or even halogen bulbs

Fits easily in any flush mounting box

Easy installation

TECHNICAL SPECS

Flush RGB Dimmer
QU200

Flush RGB Dimmer is designed to control your RGB/RGBW strips and LED strips or bulbs in order to create countless color options and includes 5 special scene effects (Ocean, Lightning, Rainbow, Snow and Sun).

Use Cases:

COMMUNICATION PROTOCOL
Z-Wave

RATED OUTPUT POWER
8A for single output channel,13A at max.(3,25A for R.G.B.W. single output channel is suggested)

RANGE
Up to 30m (depending on your home's construction)

**MAXIMUM LOAD
(E.G. HALOGEN BULBS)**
At 12V- 156W combined
At 24V- 312W combined

OPERATING CONDITIONS
Indoor usage, Temperature: 0 to 40 °C

POWER
12 / 24V DC

ELECTRICITY CONSUMPTION
12V: 0.48W; 24V: 0.72W

PWM OUTPUT FREQUENCY
488 Hz

DIMENSIONS
W x H x D: 41x 32 x 15 mm

KEY FEATURES

Controls the motors of blinds, rollers, shades, venetian blinds

Measures power consumption of the connected electrical device

Easy installation

TECHNICAL SPECS

Flush Shutter
QU100

Flush Shutter is the world's smallest Z-Wave module able to control the motors of blinds, rollers, shades, venetian blinds, etc. You can control it either remotely through the Z-Wave network or through wall switches.

Use Cases:

COMMUNICATION PROTOCOL
Z-Wave

**RATED LOAD CURRENT OF AC OUTPUT
(RESISTIVE LOAD)**
2 X 4 A / 230 VAC

RANGE
Up to 30m (depending on your home's construction)

**OUTPUT CIRCUIT POWER OF AC OUTPUT
(RESISTIVE LOAD)**
2 X 920 W (230 VAC)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 40 °C

ELECTRICITY CONSUMPTION
0.4 W

POWER
110 - 230 VAC ±10% 50 / 60 Hz
(24–30 VDC)

DIMENSIONS
W x H x D: 42 x 37 x 17 mm

KEY FEATURES

Controls and switches electrical devices

Measures power consumption of the connected electrical device

Easy installation

TECHNICAL SPECS

Flush 1 Relay
QU300

Flush 1 Relay is ideal as an electrical device switch for lights, fans, ovens, washing machines, irons, power sockets, garage doors, electric radiators, water heaters, etc. You can control it either remotely through the Z-Wave network or through wall switches.

Use Cases:

COMMUNICATION PROTOCOL
Z-Wave

**RATED LOAD CURRENT OF AC/DC OUTPUT
(RESISTIVE LOAD)**
1 X 10 A / 230 VAC | 1 X 10A / 30 VDC

RANGE
Up to 30m (depending on your home's construction)

OUTPUT CIRCUIT POWER OF AC/DC OUTPUT (RESISTIVE LOAD)
2300 W (230 VAC) | 240 W (24 VDC)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 40 °C

ELECTRICITY CONSUMPTION
0.4 W

POWER
110 - 230 VAC ±10% 50 / 60 Hz
(24–30 VDC)

DIMENSIONS
W x H x D: 42 x 37x 15 mm

KEY FEATURES

Remotely dims lights

Supports the connection of a digital temperature sensor

Easy installation

Flush Dimmer 0-10V
QU400

Flush Dimmer is a universal dimmer with a standard 0-10V output and a multi-function input, which may be a push button or switch, a potentiometer or a 0-10V signal. It is ideal for remotely dimming LED lights with low voltage ballast.

Use Cases:

TECHNICAL SPECS

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 40 ℃

POWER
12-24 VDC

MAX SINKING CONTROL VOLTAGE
-20 /+20 VDC

MAX SOURCING CONTROL VOLTAGE
0 - 11 VDC

POWER CONSUMPTION
0.5 W

DIMENSIONS
W x H x D: 42 x 37 x 15 mm

KEY FEATURES

Remotely dims the lights

Measures power consumption

Easy installation

Flush Dimmer
QU410

Flush Dimmer is the first MOS-FET-switching lights device that also supports control of low-voltage halogen lamps with electronic transformer, dimmable compact fluorescent lights and dimmable LED bulbs.

Use Cases:

TECHNICAL SPECS

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 40 ℃

POWER
110 - 230 VAC ±10%
50 / 60 Hz, (24–30 VDC)

RATED LOAD CURRENT OF AC/DC OUTPUT (RESISTIVE LOAD)
0.6 A / 230 VAC | 0.85 A / 30 VDC

OUTPUT CIRCUIT POWER OF AC/DC OUTPUT (RESISTIVE LOAD)
140 W (230 VAC) | 21 W (24 VDC)

POWER CONSUMPTION
0.7W

DIMENSIONS
W x H x D: 42 x 37 x 15 mm

KEY FEATURES

Supports digital temperature sensor

Measures power consumption

Easy installation

Flush ON/OFF Thermostat
QU702

Flush ON/OFF Thermostat is ideal for directly controlling electric or water-based underfloor heating systems, electric water heaters, hot water pumps, electric radiators and similar. You can control it either remotely or through wall switches.

Use Cases:

TECHNICAL SPECS

COMMUNICATION PROTOCOL
Z-Wave

RANGE
Up to 30m (depending on your home's construction)

OPERATING CONDITIONS
Indoor usage
Temperature: -10 to 40 ℃

DIGITAL TEMPERATURE SENSOR
Range: -50 to 125°C

POWER
110 - 230 VAC ±10%
50 / 60 Hz, (24–30 VDC)

POWER CONSUMPTION
0.4W

DIMENSIONS
W x H x D: 42 x 37 x 15 mm

Temperature sensor
QU500

Digital Temperature sensor has 1m cable with connector to connect directly to modules that support this type of connection. Digital temperature sensor range is between -50 and 125°C.

Use Cases:

COMPATIBLE WITH

Flush Shutter (QU100)

Flush 1 Relay (QU300)

Flush Dimmer 0-10V (QU400)

Flush Dimmer (QU410)

Flush ON/OFF Thermostat (QU702)

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