

 FIBARO[®]
Home intelligence



World of **FIBARO**

Welcome to **FIBARO** World

Currently, the FIBARO System is the best building automation solution available on the world market. It is a totally new approach to intelligent building automation solutions.

The FIBARO System is more than just an intently electrical system. It is a trusted host, Your personal manager who will take care of You and Your family.

Not only will the FIBARO System ensure Your comfit, but it will also change Your life. Try it, and Tings will never be the same again.



FIBARO SYSTEM

- FIBARO system is polish, successfully applied solution in the whole World;
- The system is completely designed and manufactured by the Fibar Group in factory in Poznan;
- FIBARO allows to control home lighting, heating, blinds, windows and any electrical devices;
- System based on Z-Wave technology.



Main goals

- The FIBARO system is adapted to the individual needs and requirements, allows to monitoring, controlling and synergistic work of all electrical equipment at home;
- Fast, easy and non-invasive installation;
- Unbeatable user friendliness;
- Safety, comfort and convenience to user;
- Saving time, energy and money;
- Eco-friendly lifestyle;
- High Quality;
- Innovative design;
- Innovative unique functionality.



Real intelligence

- Main goal of FIBARO was to create a real, intelligent building automation system; the devices offered today are cutting edge technology on a global scale;
- Thanks to FIBARO we can manage our whole home from anywhere places in the world;
- FIBARO is compatibility with mobile phones from various manufactures, tablets and computers;
- System have developed a special website which allows to control the system using browser;
- System is based on the most stable wireless technology Z-Wave.



Z - Wave

Z-Wave is an innovative, wireless communication protocol used in home automation systems. Z-Wave is a MESH networking technology, where each device in the network is capable of sending and receiving control commands.

Devices are also capable of controlling and monitoring the work of particular modules, continuously informing the central unit of their status.

The FIBARO System devices are based on Z-Wave technology, thanks to which they can work individually or in groups, communicating with one another, providing you with indefinite home automation management possibilities.



Our products

Each of Fibaro module is only:

- 42mm long, 37mm wide and 17 mm high;
- They can be fitted into any wall switch box;
- Currently the smallest device of this type available in the world.



FIBARO TIMELINE

2011

April 2011

On/Off Modules, Roller-Shutter, Universal Dimmer, Home Center 1



2012

January 2012

Home Center 2



March 2012

Uniwersalny Sensor



October 2012

Door Window Sensor



FIBARO TIMELINE

2013

March 2013



RGBW Controller

Wall Plug



June 2013

July 2013



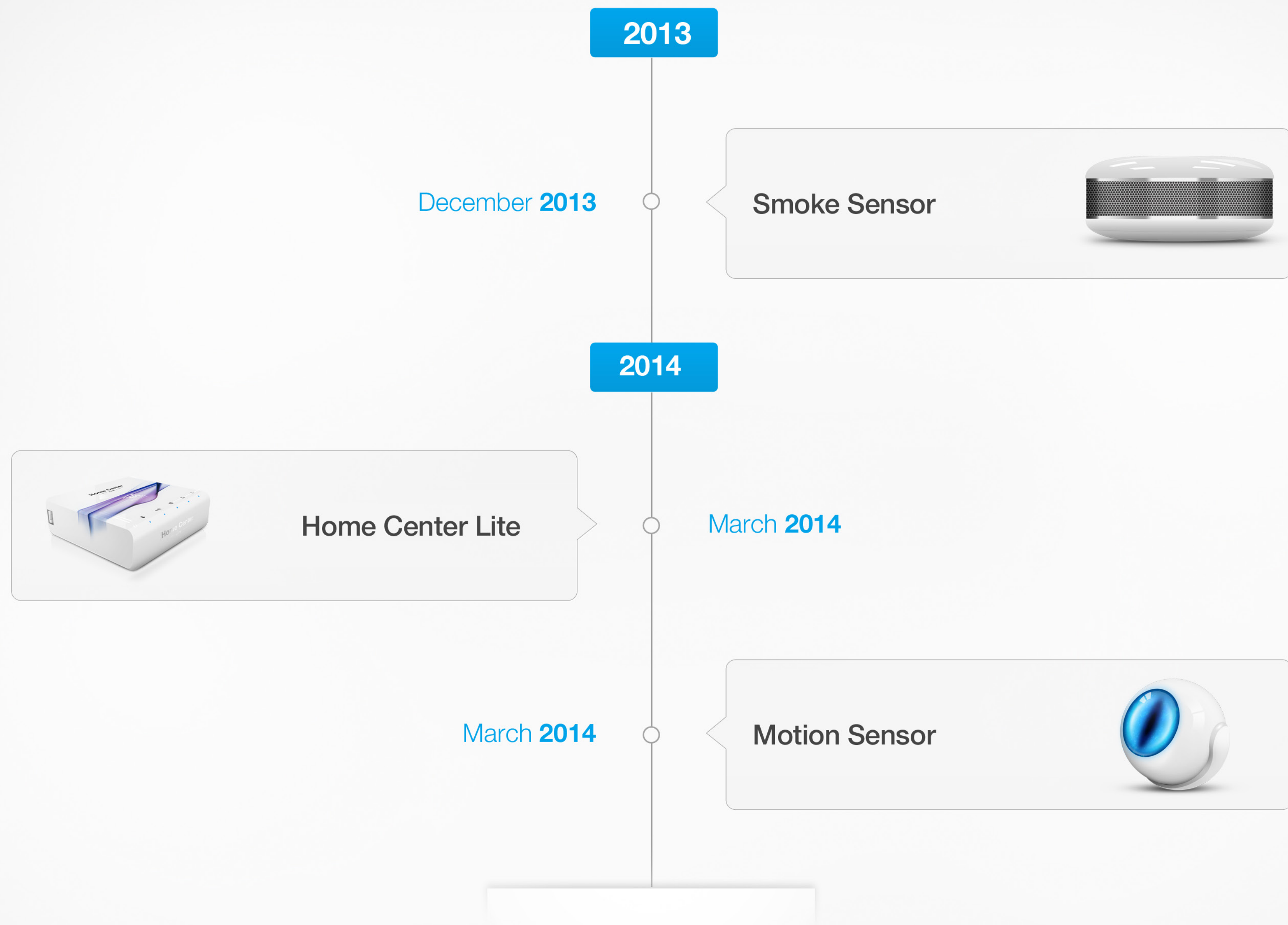
Roller Shutter 2

Flood Sensor



October 2013

FIBARO TIMELINE



Home Center 2

- Extremely efficient hardware architecture
= fastest device of the type in the World;
- Ultra low energy consumption;
- Remote access via web page or mobile phone;
- Simple, user friendly interface;
- Fast and simple configuration;
- Geolocalization – track Your family members;



Home Center 2

- SMS notification;
- Manageable users' rights;
- Various devices' associations;
- Conditioning scenes depending on weather or other, user-defined variables;
- Advanced recovery system;
- System backup is always saved on attached pendrive, hidden in the casing;
- History of events.



Home Center Lite

The Home Center Lite is a new, incredibly compact brain of the FIBARO System, that uses proven solutions applied in the Home Center 2.

The HCL is equipped with a new recovery system and has the ability to store backups in the cloud. It is smaller than HC2 and offers the possibility of further expansion with modules (battery and a GSM module*).

The Home Center Lite controller allows for even greater integration of home multimedia systems with The FIBARO System.



Dimmer

- Extremely small size – smallest device of the type in the World;
- Fast communication with Z-Wave network;
- Fast and simple configuration;
- Supports two, independent, association groups – each switch key triggers different associations;
- Unrestricted configuration of lightning and dimming time for both manual and automatic operation;



Dimmer

- User defined levels of max dimming and max brightening;
- Three-way switch function;
- Memorized device state after power cut, synchronized dimming level for all associated dimmers;
- Supports both types of wall switches – mono and bi-stable;
- User configured support of alarm frames – flood, smoke, CO, CO2, temperature.
- System based on Z-Wave technology.



Relay Switch 2 x 1,5kW

- Supports two, independent, association groups
 - each switch key triggers different association;
- Automatic relay off after defined time period
 - enables device to operate gates, roller blinds with electronic steering, independent for relay 1 and 2;
- Associated devices may be triggered by relay ON or OFF;
- User defined relays' response to alarm frames
 - no reaction / device ON / device OFF/ cyclically changing state e.g. lights blinking;



Relay Switch 2 x 1,5kW

- Triggers associated Dimmers and Roller Shutters;
- Memorized device state after power cut;
- Supports all on / all off function;
- Supports both types of wall switches – mono and bi-stable;
- User configured support of alarm frames – flood, smoke, CO, CO2, temperature.



Relay Switch 1 x 3,0kW

- Automatic relay off after defined time period
– enables device to operate gates, roller blinds with electronic steering;
- Associated devices may be triggered by relay ON or OFF;
- User defined relay's response to alarm frames
– no reaction / device ON / device OFF
/ cyclically changing state e.g. lights blinking;
- Triggers associated Dimmers and Roller Shutters;



Relay Switch 1 x 3,0kW

- Memorized device state after power cut;
- Supports all on / all off function;
- Supports both types of wall switches – mono and bi – stable;
- User configured support of alarm frames – flood, smoke, CO, CO2, temperature.



Roller Shutter

- Extremely small size – smallest device of the type in the World;
- Fast communication with Z-Wave network;
- Fast and simple configuration;
- Two different ways of triggering device associations – single click triggers association group 1, key hold triggers association group 2;
- Supports both types of wall switches – mono and bi-stable;
- User configured support of alarm frames – flood, smoke, CO, CO2, temperature.



Roller Shutter 2

Fibaro Roller Shutter 2 is an advanced controller of electric roller blinds, awnings, venetian blinds and garage gates. The module can control any device that is powered by an AC electric motor.

Huge versatility in choice of controlled devices, extremely small dimensions, and limit switches calibration make Fibaro Roller Shutter the most advanced Z-Wave device of that type available on the market.

In addition, new version on Fibaro Roller Shutter features the Power Metering functionality.



RGBW Controller

Fibaro RGBW Controller is an advanced wireless 4-color LED strip controller. Apart from traditional RGB channels, it also supports the additional white light channel, which allows for adding pastel to the color.

RGBW Controller supports up to four analog sensors, providing Fibaro Home Center with more information to control your Fibaro System, giving you comfort and security.

The device allows for managing four independent light channels. It's the world's only wireless controller allowing for dimming up to four connected light sources independently.



Universal Binary Sensor

The Universal Binary Sensor is a wireless module that makes it possible to improve the functionality of any sensor with a binary output by allowing it to communicate with the wireless network Z-WAVE and the FIBARO building intelligence system.

Moreover, the module allows for wireless communication between the system and the DS18B20 temperature sensors.

The device can service up to two binary sensors and up to four DS18B20 temperature sensors.



Universal Binary Sensor

- The Universal Binary Sensor may be used whenever wireless collection of data from sensors is required;
- Once additional safety housing have been installed, the sensor can also be used in areas with high humidity and high temperature;
- The Sensor's main function is the integration of the wireless, FIBARO System with the existing wire-based and wireless alarm and measurement systems.



Door / Window Sensor

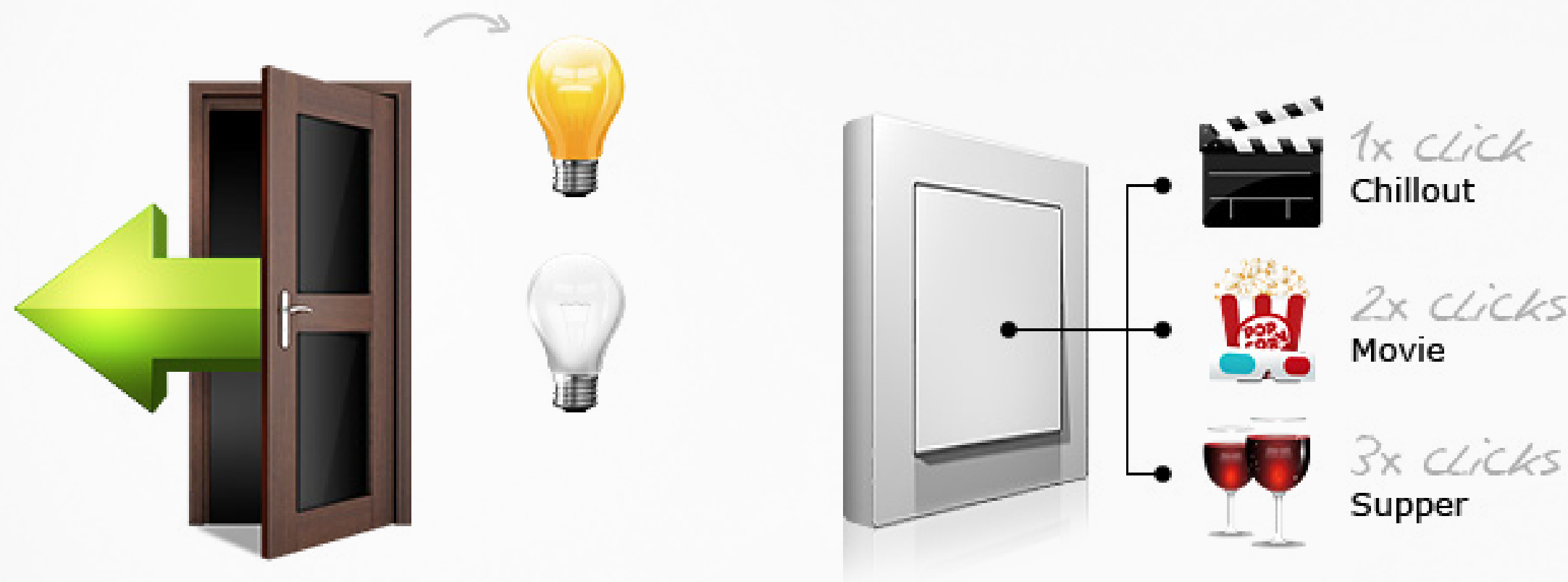
- The Fibaro Door / Window Sensor is a wireless, battery powered, Z-Wave compatible reed sensor. Each time its two parts, i.e. the Sensor's body and a magnet separate, is sent a radio signal;
- In addition the Fibaro Door / Window Sensor supports one DS18B20 temperature sensor and has one potential free input.



Door / Window Sensor

The Fibaro Door / Window Sensor is designed for use with scenes in home automation systems, alarm and surveillance systems and everywhere else where information related to:

- opening/closing of doors,
- windows,
- garage gates, etc. is needed.



Flood Sensor

Fibaro Flood Sensor – futuristic design, compact size, and a wide variety of additional functions.

With its advanced technology and precision, the Fibaro Flood Sensor will alert you of a threatening flood, or a rapid temperature rise or drop.

All while being maintenance-free without the need for professional installation.



Flood Sensor

features



TILT SENSOR

Detects tilt and movement over 15 degrees. It will also alert you of any attempt to move or tamper with the device.



ALARM SIREN

Built in alarm siren will help you react quickly in case of a flood, rapid temperature change, or attempt to tamper with it.



TELESCOPIC PROBES

Fibaro Flood Sensor is the only one in the World to perfectly work on uneven surfaces thanks to gold telescopic probes, which are flexible enough to compensate for uneven surface levels.



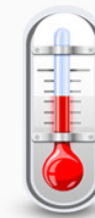
IN / OUT

Input terminal allows for connecting an external probe and installing the sensor in any location. Output terminal allows for connection to an alarm system.



Flood Sensor

features



TEMPERATURE SENSOR

Built in temperature sensor may be used to manage an in-floor heating system or serve as a fire alarm sensor, by detecting rapid temperature rise.



BATTERY POWERED

A single battery is enough to power the Sensor for 2.5 years*.



TAMPER PREVENTION

Specially designed enclosure contains a tamper button, protecting it from being opened unintentionally.



VISUAL INDICATOR LIGHT

Aside from the alarm siren, the device can alert you of a threat using colour displays from the built in RGB diode.

* By using the default settings.

Smoke Sensor

The Smoke Sensor is an ultra light, perfectly designed battery or 12/24 VDC powered device that uses both photo-electric and temperature sensors for maximum protection from flaming and smoldering fires.

The device is equipped with two types of alarms, a 100dbm build-in siren and an RGB visual indicator. The sensor has a built in Z-Wave range tester and can be applied in both wireless Z-Wave network and any regular wired monitoring and alarm system.

The unique feature of the FIBARO Smoke Sensor is a built-in electronic recording device, for the purpose of assisting the investigation of a fire incident or accident.



Motion Sensor

Motion Sensor is an intelligent work of art that combines four useful functions to give you MORE.

This tiny device, apart from detecting movement, measures the current ambient temperature, intensity of light and vibrations thanks to its built-in accelerometer.



Wall Plug

FIBARO Wall Plug with power metering feature is an intelligent, ultimate plug & play, extremely compact, most sophisticated, remotely controlled outlet adapter.

- Most sophisticated design;
- Two colors of casing;
- The smallest device of the type on the world;
- Report on event;
- Report faulty device;
- Built in network range tester;
- Energy saver; money saver;



Wall Plug

- Ultimate plug and play;
- 16 million color scale of LED crystal Ring display a current device's energy consumption;
- Built in thermal sensor;
- Protection against short-circuit;
- Bedside lamp feature.

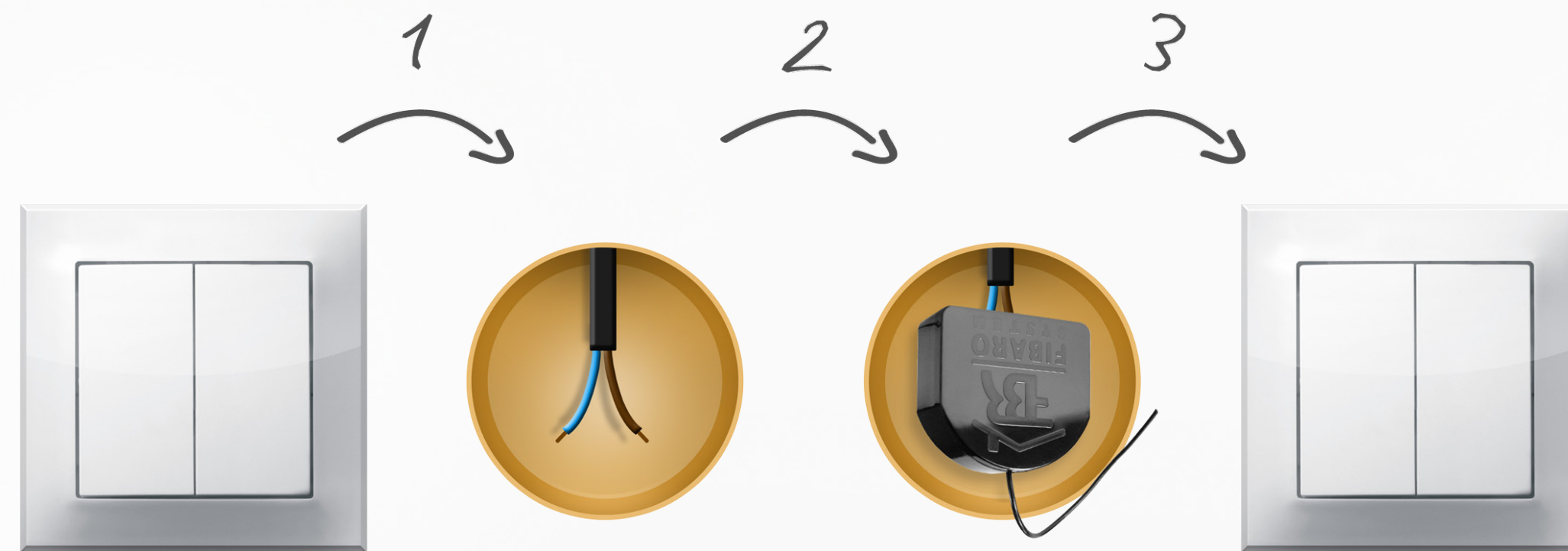


Bypass



- Works with dimmer FGD211;
- Allows you to connect fluorescent lighting, LED lighting systems even without neutral on the button;
- Allows dimming any light source, even with minimal power consumption.

Fast and simple installation



Non- invasive, 3 – minute installation

1. Take out wall switch from its casing.
2. Connect Fibaro module.
3. Mount wall switch in its casing.

Simple as that!

Fast and simple installation



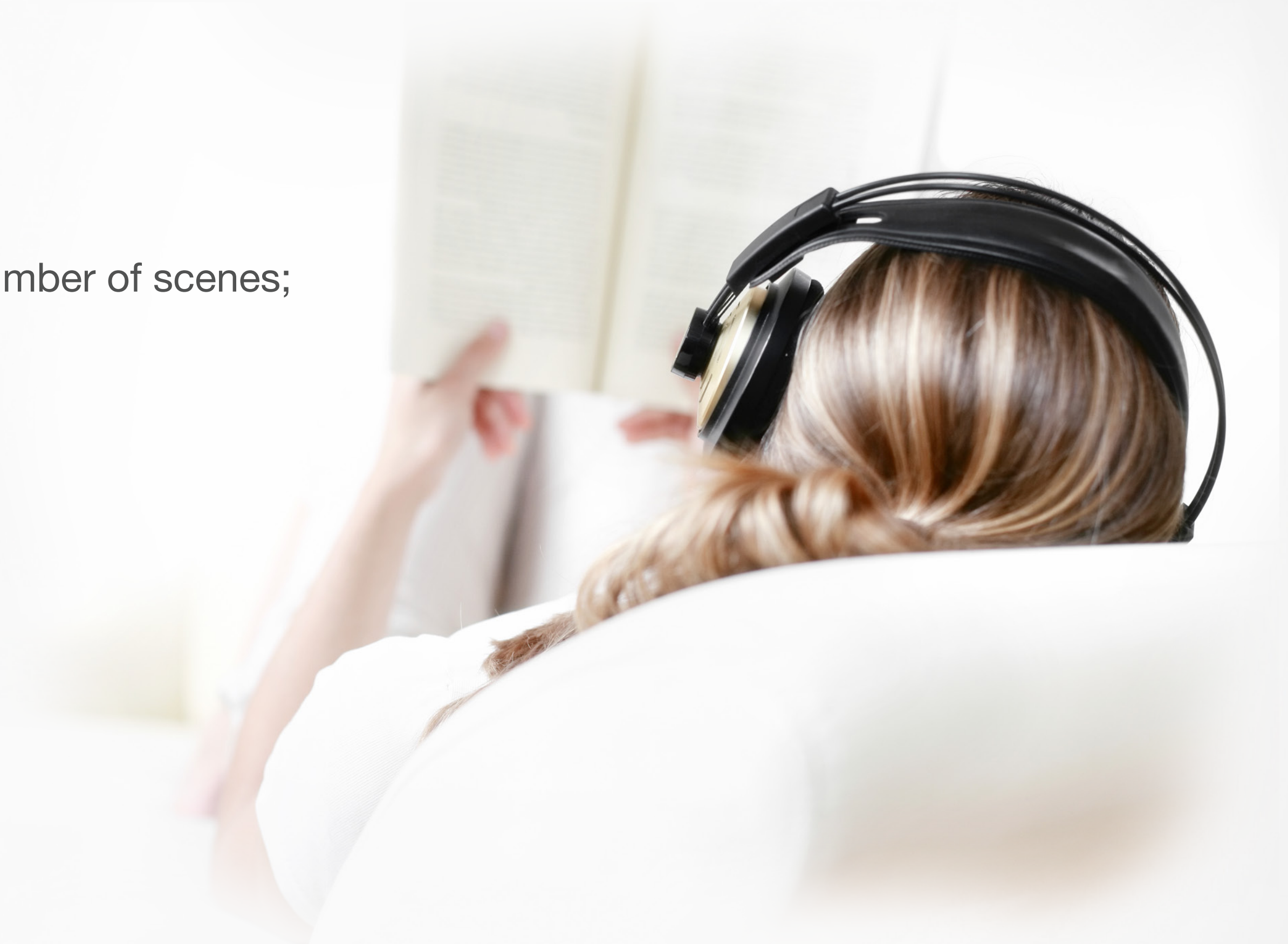
Fibaro uses two interfaces:

Mobile interface - which is used to control the system on daily basis. The interface is used for ongoing communication between the fibaro system and its user;

The configuration interface - which is used to define the location of particular devices, room names, dependencies between devices and other system function.

Comfort

- Easy and intuitive to use;
- Each user can program limited number of scenes;
- Quick & Easy installation;



Comfort

- System settings - adding devices, programming stages, naming scenes, equipment and rooms do not require calling a service and it takes you a few minutes;
- The possibility of placing most popular scenes on the quick launch bar;
- Thanks to control via mobile devices - the system is always with you.



Safety

Immediate response to the threat is the most important factor. Often can save our lives. The FIBARO System will identify the threat within seconds and activate all the alarm procedures, preventing a tragedy from happening.

- In case of fire and the total destruction of the Home Center 2, system will continue to work and perform programmed safety procedures;
- While you are not in home, system will simulate your presence - will perform pre-programmed scenes, so that the house will seem that someone is inside;

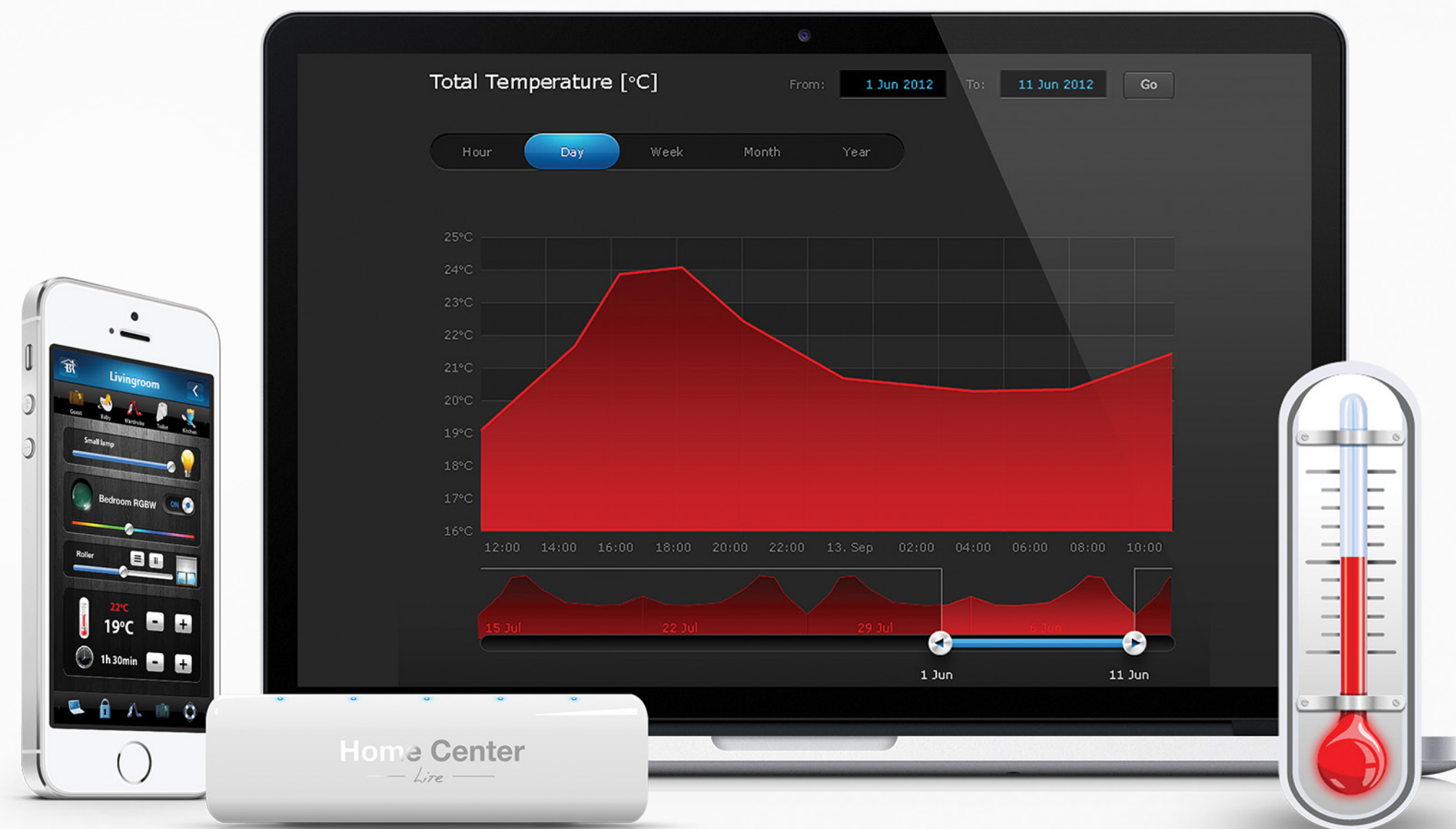


Safety

- System will send messages to your phone to inform You about different events at home;
- Remote monitoring of cameras on the phone screen - at any time to check what your kids are doing;
- The system can be operated from anywhere in the world, using any mobile device.



Saving with **FIBARO**



- FIBARO System software allows its users to reduce energy consumption and building operating cost;
- FIBARO informs of all important incidents which occur in the system and displays the status of all its components;
- FIBARO measures the current electrical power consumption;

Saving with **FIBARO**



- Adjust the heating or AC program to your actual needs;
- Reacts to situations which could lead to unnecessary energy loss;
- Give possibility to check the status of the devices responsible for lighting or temperature control.

With Fibaro you can save up to 30% of electricity and 23% of heat

“

*Fibaro System takes home automation
to completely new level.*

*So unique in fact, that we no longer call it „automation”.
We think of Fibaro as Home Intelligence!*

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