

 **FIBARO**[®]
Home intelligence



— **SMOKE SENSOR** —

Your Protector **from smoke**

Eye pleasing, **minimalistic design**

Almost all of the smoke sensors available on the market were designed with one objective in mind – discovering potential threats. However, no one paid any attention to design. Naturally, smoke sensors are created to save lives. However, like most of the other sensors, smoke detectors are devices installed in visible places, like the ceilings. That's why our designers decided to combine uncompromised safety with functionality and aesthetics appreciated by our customers. FIBARO Smoke Sensor is a perfect sensor, a trendsetter for our competitors. It's a device combining beauty with new technology, to protect your home and family.



Minimalistic design

Smooth lines, polished surface and small size. This combination gives us the most beautiful smoke sensor ever made.

Visual and acoustic alarm

FIBARO Smoke Sensor will let you know of a potential threat with multi-color RGB LED diode and built-in siren.

Polished grille

The grille not only looks great but also lets in even the smallest amount of smoke, allowing for quicker response.

Ultra small **design**

Fibaro Smoke Sensor is the smallest Z-Wave wireless smoke sensor in the World. Advanced manufacturing technology allowed to significantly minimise shrink the sensor components, making Fibaro sensor the most advanced device of this type available on the market. Fibaro's cutting edge technology makes us one of the leaders in wireless smoke sensors.

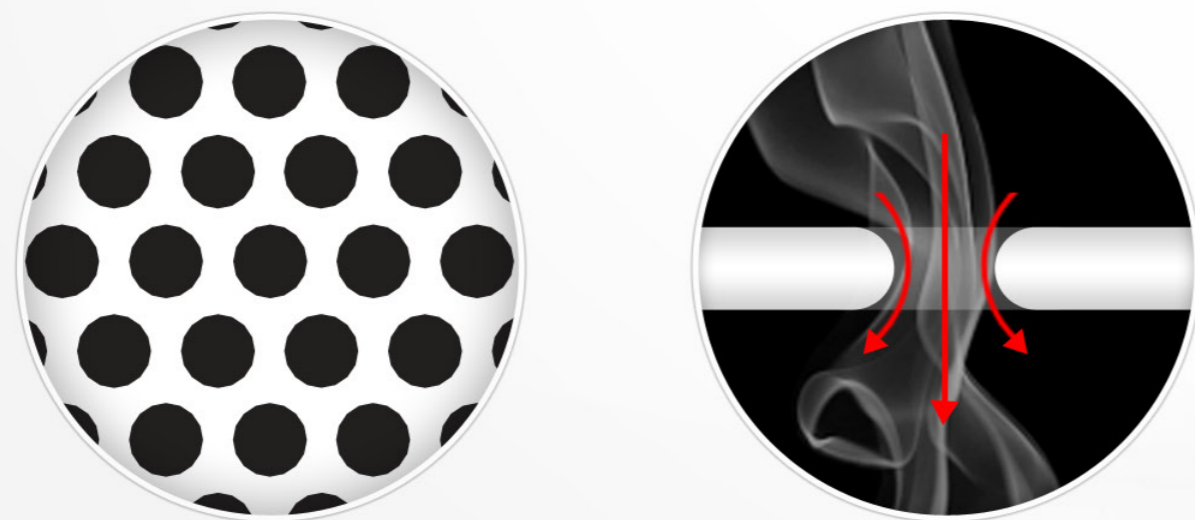


65x28mm

Ultimate perfection

These words describe the Smoke Sensor's grille. At first glance this shiny element resembles a piece of jewelry, however it's one of the most important components of this device. These perforations allow the smoke into the sensors chamber. The better it's made, the smaller amount of smoke is needed to discover a threat and trigger the alarm.

Our sensor's grille is made of top quality material, with huge number of holes in it. Each one of them was electrochemically shaped, so that smoke entering the housing is easily guided into sensor's chamber. Detecting fire quickly, FIBARO Smoke Sensor provides ultimate protection, minimizing damages.





EXCEEDED
54°C
RUN ALARM



Not only a **smoke sensor**

Some materials burn without smoking. That's why FIBARO engineers decided to include additional protection by using a temperature sensor. If the amount of smoke will not be enough to trigger the alarm, the device will still be able to detect a threat by identifying a rapid change of temperature caused by fire. Rapid temperature change or rise up to 54°C is enough for FIBARO Smoke Sensor to discover the threat and report household members about it. Only this type of smoke sensor provides high efficiency, regardless of what is burning.

One sensor, many possibilities

Designing Fibaro Smoke Sensor we did our best to foresee all possible usage scenarios, from powering modes to compatibility with various wired and wireless alarm systems. As a result, you can install our sensor wherever you need it, regardless of whether you can connect a power supply, walls allow for wireless communication, or any type of wired alarm system you have.

FIBARO Smoke Sensor will satisfy most of your needs.



Powered by battery or a wall socket

You can connect the sensor to 12 or 24 VDC adapter if you wish. Or leave it in battery powering mode and enjoy up to 3 years* uninterrupted operation.



Alarm systems compatibility

Sensor allows for integration with almost any wired alarm system available on the market.



Wired or wireless

Thick reinforced walls interrupting wireless communication? You can connect FIBARO Smoke Sensor to an alarm hub with a wire.

*Depending on the parameters set

You decide

Your intelligent home will help you protect your family from fire and other threats. You decide what action Home Center is to take in case of fire, flood or break-in. With the Smoke Sensor, discovering threats can result in opening roller blinds, a garage gate, windows, and illuminating the safe escape route. You can also manually run a safety scene, performing all life saving actions at a touch of a button on your mobile phone or tablet.

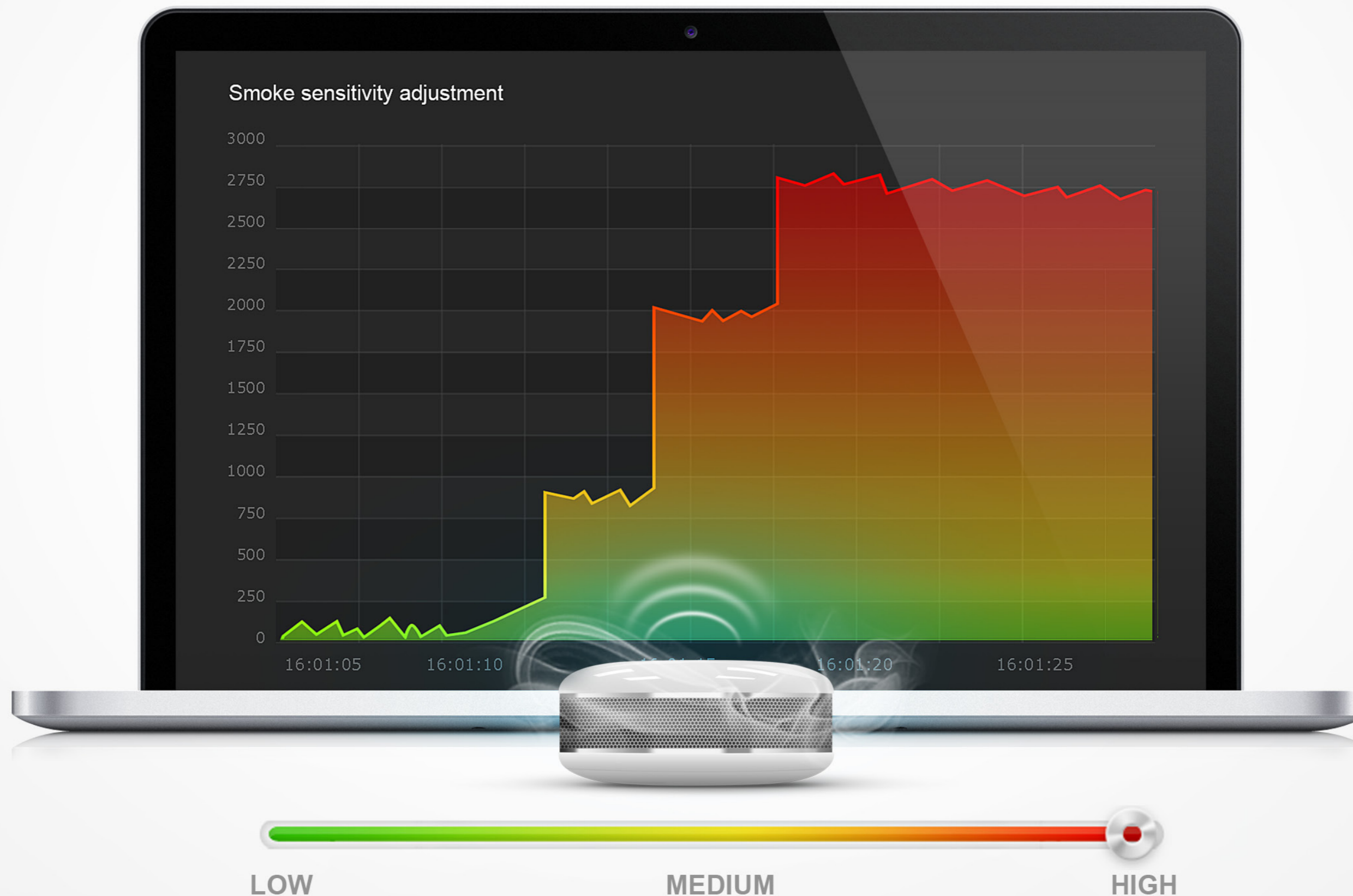


Did you know...

Alarm scenes have the highest priority in FIBARO. As a result, the system will always take the right action, regardless of accidental mistakes in system configuration.

Sensitivity calibration

FIBARO Smoke Sensor offers advanced options for configuring sensor's sensitivity. Sensitivity varies depending on where you install the device. In the kitchen, very sensitive sensor could trigger the alarm even when you fry some meat, that's why it should be less sensitive, helping avoid irritating false alarms. In other rooms, where smoke presence is less likely under normal conditions, sensor should be set to the maximum sensitivity in order to provide the best protection.



High temperature resistant enclosure

Heat resistant material used to make FIBARO Smoke Sensor's enclosure protects the device from damage even at 200 degrees Celsius.

100°C
Temperature

I'm still
working



Connection check

Correct operation of a smoke sensor is extremely important. That's why Home Center 2 polls the sensor frequently checking whether it works properly. Having discovered any problems with communication or sensors operation, system will notify you immediately, so that you could quickly react and protect your home and family.

Smoke Sensor in kitchen, report!

Checking components, radio connection
and connections with networked devices...
All systems OK.

Roger.
Next contact in one hour.

Over and out.



Tamper prevention

FIBARO Smoke Sensor has a built-in tamper prevention feature. Any tampering with the device or attempt to dismantle it will be recorded and occupants will be notified about it.

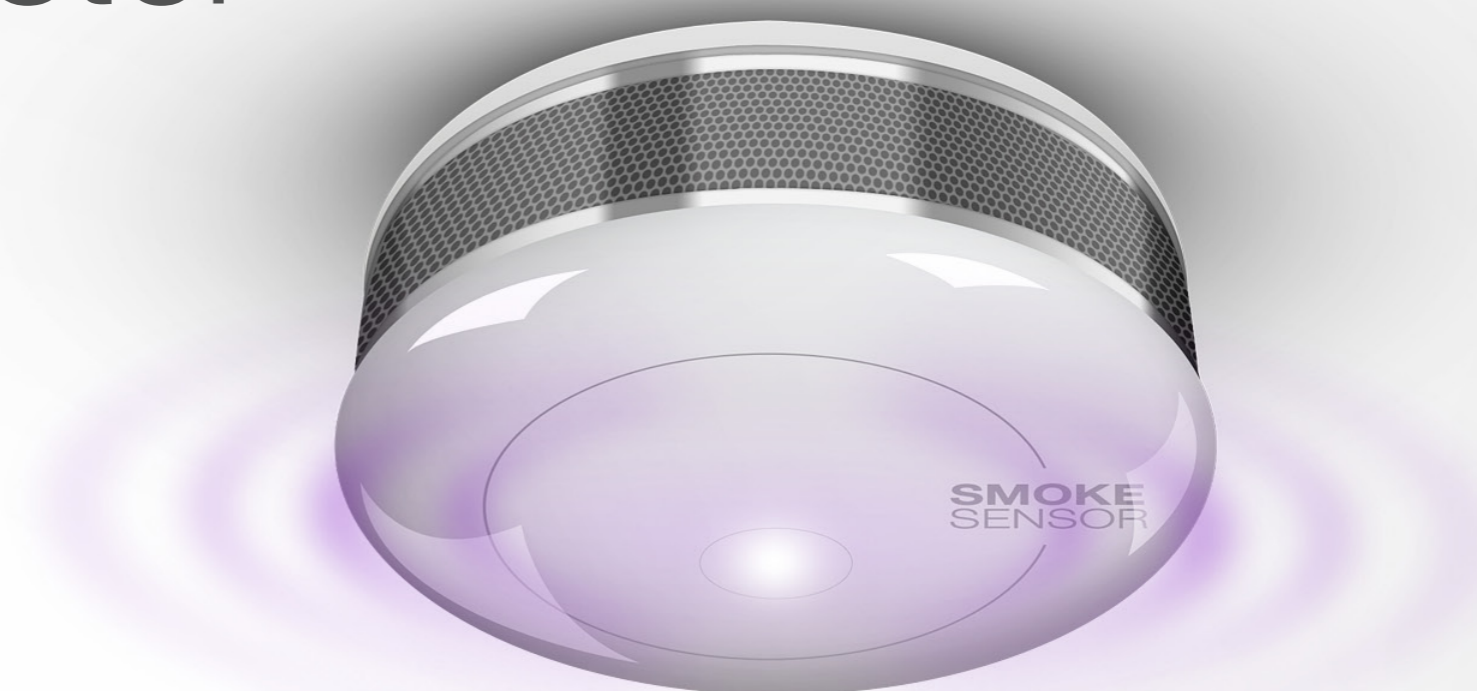
Smoke sensor is an extremely important element of your home's safety system, which is why any tampering with it is not allowed. Any attempt to disconnect the power supply, steal the sensor or any other sabotage attempt will result in immediate reaction.



Z - Wave network range tester

Built-in RGB LED signaling diode may be used to signal the Z-Wave network range. Correct communication with Home Center 2 controller is the basis of a well functioning FIBARO intelligent home system.

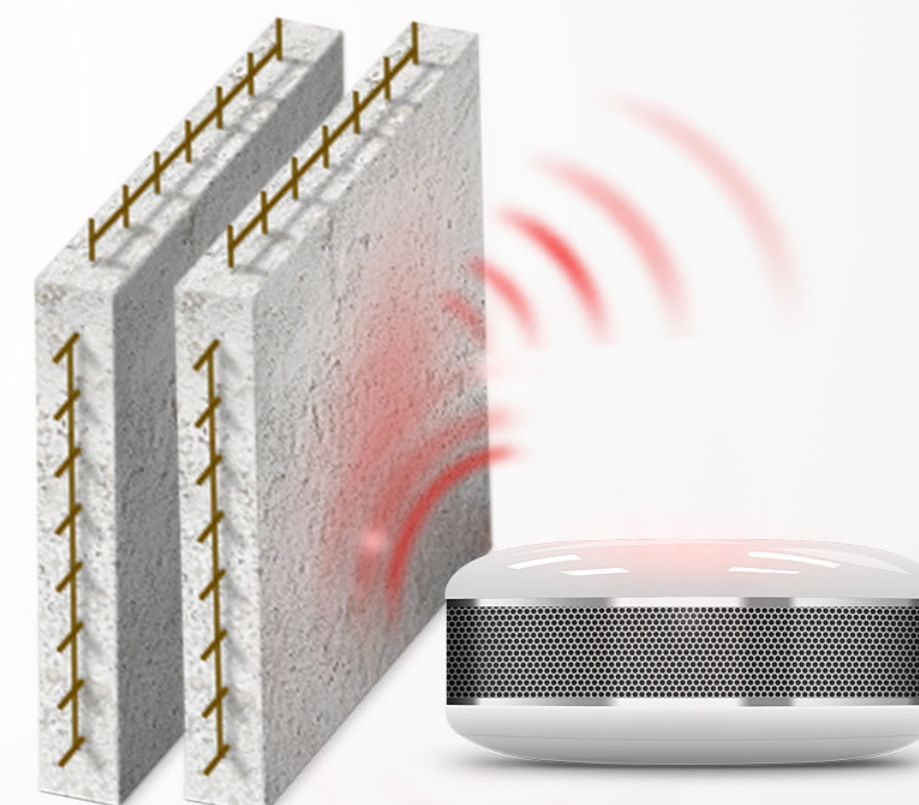
Our sensor can communicate with an alarm system hub by wire or wirelessly with the Z-Wave network. Even if the Z-Wave network range is too weak to allow direct communication with Home Center 2, each of the system devices may repeat radio signal allowing for installing FIBARO System components in the farthest nooks of your home.



Direct



Routed



Out of range

Built-in tester

Faultless communication guarantees your home's safety. Smoke Sensor is a battery device, which not only perfectly tests the Z-Wave network range, but also performs a self-test, informing system's main controller that it's ready to detect threats.

Incredibly efficient process, performed automatically every 5 seconds, allows the system to monitor sensor's operation. The test may be triggered manually as well. All you need to do is to press and hold the button located in the center of the sensor's enclosure and wait for signaling light.



Colored information

Smoke Sensor will inform you about its current state with a colored display. The built-in LED glowing green means the device works fine and you are safe.



You cook, I ensure safety

Fibaro Smoke Sensor is the mandatory guest in your kitchen. Each time you prepare the favorite meal for your family, it makes sure you don't forget to turn off the gas or take a roast out of the oven. Incoming threat of fire or ... burned meat will be quickly discovered and reported for your convenience, safety, and enjoyable Sunday lunch.



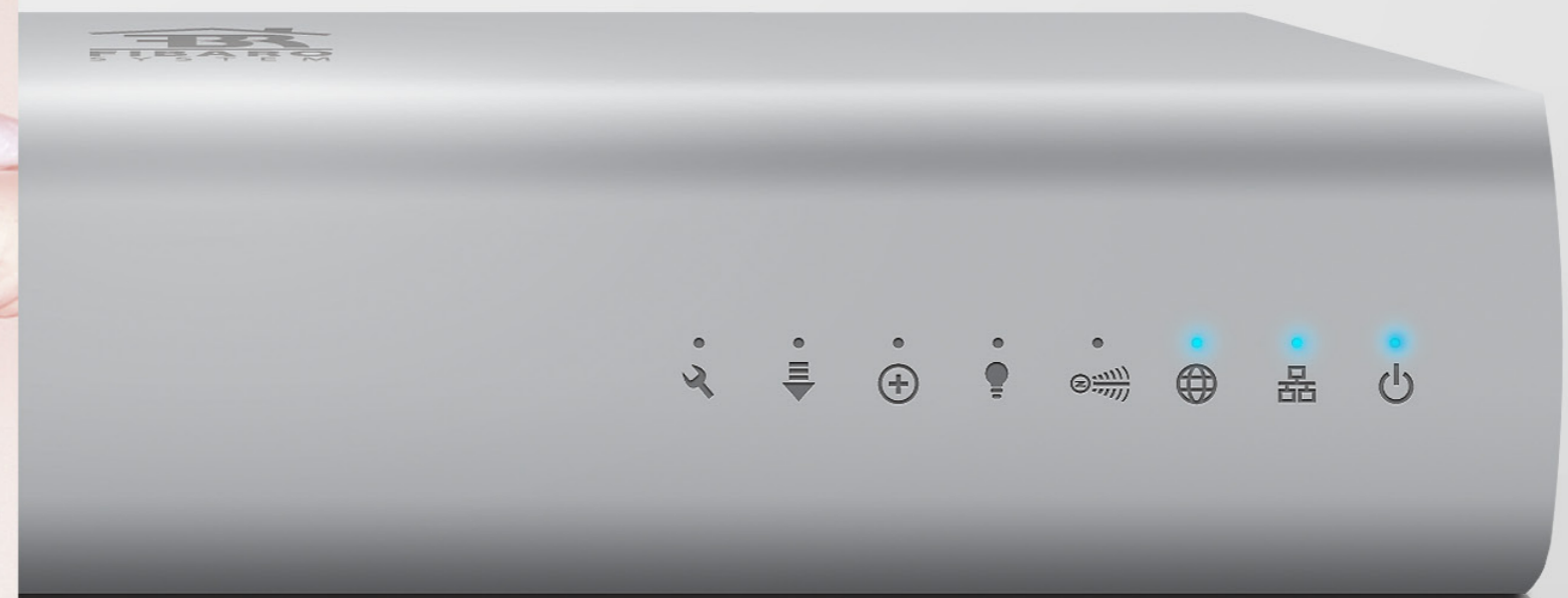


Guardian of your home

Safety of FIBARO's home occupants is a top priority for us. That's why we have designed our system from the start to provide not only the highest comfort, but also to make sure your family and your belongings are safe.

Fibaro Smoke Sensor is yet another sensor, following Flood Sensor and Door / Window Sensor, that makes us truly proud. It's one more FIBARO System component, improving the quality and safety of living, while caring of your family.

FIRE ALARM
turn off the iron immediately



SMOKE SENSOR

Even the smallest amount of smoke displays in a chart

A "Black Box" data recorder implemented into Smoke Sensor, records information on smoke and temperature levels. Regardless whether the alarm system is armed or not, the sensor monitors the level of smoke and sends information to the main controller periodically. Now you are able to detect even the smallest amount of cigarette smoke.



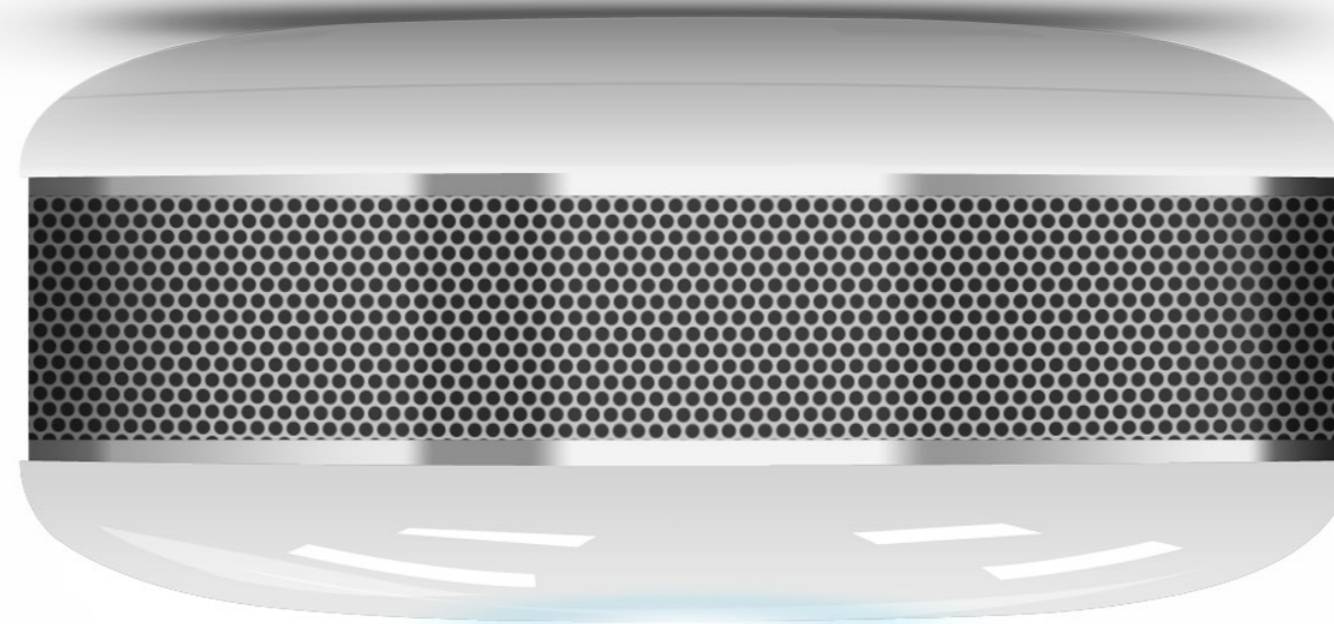
History of alarms

Each of the discovered threats is recorded and stored in the sensor's and main controller's memory. All of them may be constantly monitored via mobile device's interface or home.fibaro.com web page.



Automatic software update

This high-tech smoke sensor allows for fully automatic software update. Once an update is available, providing new functionality or improving the device operation, the sensor will automatically suggest download and will install the software without wasting your time. Home Center 2 will make sure your Smoke Sensor's software is always up to date, providing you the maximum safety.



75% | Update
in progress



Your home, Your imagination

www.fibaro.com