



Bosch Smart Home Twinguard – now even more secure in the system

The most important update for smart fire protection

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The new product advantages at a glance:

- ▶ The Twinguard is now integrated into the Bosch Smart Home System
- ▶ Alarm transmission to all networked Twinguards and smoke alarm devices
- ▶ Activation of all cameras in case of fire, including push notification with live video
- ▶ Now also serves as an alarm siren in case of burglary
- ▶ More options through integration in scenarios and automations

Stuttgart/Berlin - The Twinguard smoke detector with air quality sensor can now be fully integrated into the Bosch Smart Home System and controlled via the Bosch Smart Home App. This means that the Twinguard smoke detectors can be networked via the Smart Home Controller. System integration of the Twinguard takes place automatically when the Bosch Smart Home App is updated. It is available for both Android and iOS.

Professional fire protection 2.0

In the event of a fire, the automatic alarm transmission occurs as before, not solely via all Twinguard devices, but also via all smoke detectors in the same network. In an emergency, all residents in the house or apartment are alerted and all available emergency lights are switched on to illuminate escape routes. The alarm is automatically forwarded to the smartphone and notifies the user via push message. Furthermore, all connected Bosch Smart Home indoor and outdoor cameras are activated and live images are transmitted directly to the smartphone. This allows the alarm to be verified visually when the user is not at home, and the police or fire brigade can be alerted in an emergency.

An integral part of smart homes since the fall of 2017, the Twinguard smoke detector with air quality sensor maximizes safety and security. Bosch relies on tried-and-tested Dual-Ray technology for extremely reliable smoke detection. Previously deployed only in professional environments, this technology is now also available in the consumer sector. Technically, LEDs with various light

wavelengths reliably detect smoke particles of different sizes. Dual-Ray technology is extremely robust against disturbances and ensures that the number of false alarms is reduced to a minimum. The user can also opt to be alerted by a quieter acoustic signal as a pre-alarm – even before smoke emissions become dangerous. The Twinguard is a fully certified smoke detector and meets all requirements of DIN EN 14604.

Additional burglary protection after alarm transmission

Now that it can be connected to other Bosch Smart Home devices (such as door/window contacts or motion detectors), the Twinguard offers greater security than ever before – even in the event of a break-in. For example, networked Twinguards and smoke detectors jointly trigger several loud sirens to deter intruders in the event of unwanted intrusion. Intruders are thus forced to flee at an early stage.

Even more possibilities in the system

Integration into the Bosch Smart Home System also opens up a variety of new options for automation and scenarios. For example, if strong sunshine causes the apartment or house to become too warm, the electrically powered shutters integrated into the system can be lowered by an integrated automation – thus protecting the home against overheating.

Doubly protected – smoke detector with air quality sensor

One more reason to relax and breathe deeply: the Twinguard continuously monitors the indoor climate and the air quality inside the home. Its additional air quality sensor makes it a useful helper in daily life. Three relevant parameters are monitored: temperature, relative humidity and air purity. To determine air purity, the Twinguard measures volatile organic compounds (VOCs) such as evaporated cleaning agents or vapours from furniture.

The Twinguard App stores optimum and limit values of the most important air quality parameters. These values are individually specified for each room and are based on recommendations from relevant studies. The user sees immediately when the air quality is no longer in the optimum range and is notified, if desired. Fully integrated into the Bosch Smart Home System, measurement data on air quality can now also be clearly displayed in the Smart Home App.

Recommended retail prices

Bosch Smart Home Twinguard smoke detector with air quality sensor: €149.95

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Robert Bosch Smart Home GmbH was founded as a wholly-owned subsidiary of Robert Bosch GmbH. Based in Stuttgart-Vaihingen, the company offers intelligent solutions for retail customers who desire a networked home from a single source. Bosch Smart Home simplifies home living by unobtrusively controlling routine activities in the background. It offers greater comfort, convenience, security and energy efficiency.

More information is available at www.bosch-smarthome.com.

The Bosch Group is a leading international technology and service company with approximately 402,000 associates worldwide (as of 31 December 2017). It generated sales totalling 78.1 billion euros in fiscal 2017. Its activities are divided into four business segments: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading provider in the Internet of Things (IoT), Bosch offers innovative solutions for Smart Home, Smart City, Connected Mobility, and Industry 4.0. With its expertise in sensors, software and services, as well as its own IoT cloud, the company is able to offer its customers networked and cross-domain solutions from a single source. The strategic goal of the Bosch Group is to provide solutions for connected living. With innovative and inspiring products and services, Bosch improves the quality of people's lives around the world. Bosch offers "technology for life". The Bosch Group comprises Robert Bosch GmbH and its approximately 440 subsidiaries and regional companies in 60 countries. Including trade and service partners, Bosch's worldwide manufacturing, development and sales network covers almost every country around the globe. The company's innovative strength is the basis for its future growth. Bosch employs around 64,500 associates worldwide in research and development at 125 locations.

The company was founded in Stuttgart in 1886 by Robert Bosch (1861-1942) as the "Workshop for Precision Mechanics and Electrical Engineering". The corporate structure of Robert Bosch GmbH ensures the entrepreneurial independence of the Bosch Group. It enables the company to plan for the long term and to invest in significant advance outlays for the future. The non-profit Robert Bosch Stiftung GmbH holds 92% of the capital shares of Robert Bosch GmbH. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, which exercises the entrepreneurial shareholder function. The remaining shares are held by the Bosch family and Robert Bosch GmbH.

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