## Smart sensors from SIEGENIA: keep an eye on all your windows at all times

# Suitable for a wide range of Matter-enabled smart home systems

This innovative sensor will soon be available as an additional option for smart home fans and offers maximum convenience and security: the smart sensor from SIEGENIA supports reliable status monitoring of windows, French doors and large-sized panels in compatible smart home systems. With the help of the THREAD wireless protocol, it can be integrated into compatible smart home systems using the universal Matter standard. This enables end users to network flexibly with Matter-enabled solutions from other producers and to create intelligent scenarios for greater room comfort. Thanks to its sleek design and flexible slider, the smart sensor can be used anywhere, regardless of the hardware and profile used, and can be installed without tools in just a few simple steps.

And the smart sensor is visually impressive, too. This is partly due to its concealed, invisible installation in windows made of any frame material and in elements with parallel-slide-and-tilt systems. Thanks to its sophisticated design and optional cover cap, it can also be discreetly surface-mounted on lift-and-slide elements and on entrance doors. When surface-mounted, it is also suitable for a wide variety of other applications such as garage doors or cat flaps. This allows homeowners to monitor the entire building envelope – anytime, anywhere.

#### Status monitoring on the hardware itself

A truly unique selling point of the smart sensor is its ability to monitor the status of windows with absolute reliability. In contrast to other existing solutions, this can be done directly from the hardware itself, enabling the sensor to distinguish reliably between the “closed” and “open” hardware positions. This prevents elements that are merely left ajar from being mistakenly identified as locked.

It is set up and taught-in using a home controller – and it couldn't be more straightforward. To do this, the sensor is first paired with the relevant smart home app via Bluetooth (BLE 5.0) by scanning a QR code. From there, it is easy to control its various different functions and integrate it into a wide range of scenarios and automated systems.

#### Smart options for energy efficiency and security

By integrating the innovative sensor into smart home systems, end users have access to a wide range of room comfort options. It demonstrates particular strengths when it comes to energy efficiency and security. For example, end users can create a scenario that uses a smart thermostat to switch off the radiator whenever the sensor detects an open window in the room in question and notifies the home controller. This means that no valuable heat is lost and heating costs are reduced.

The smart sensor also provides the ultimate in convenience and security when leaving the house. A quick glance at their smartphone or a voice command is all it takes for end users to quickly and reliably find out whether all the elements in the house that are equipped with a sensor are closed. This gives them the added reassurance of being able to keep an eye on their windows at all times, even when they're away from home. As more producers and devices adopt the Matter standard, the range of possible scenarios will be greatly expanded in the future.

#### Captions

Image database: SIEGENIA

*Image I: SIE\_DRIVE\_smart sensor\_mounted\_press.jpg*

Matter-enabled: the smart sensor from SIEGENIA impresses thanks to its fully concealed installation and enables reliable status monitoring of windows and patio doors in compatible smart home systems.

*Image II: SIE\_DRIVE\_smart\_sensor\_surface-mounted\_slide-element\_press.jpg*

Thanks to its sophisticated design and optional cover cap, the smart sensor from SIEGENIA can also be surface-mounted on lift-and-slide elements and on entrance doors in a way that is distinctly discreet.

*Image III: SIE\_DRIVE\_smart sensor\_heating control\_patio door\_press.jpg*

Scenarios for energy efficiency: as soon as the smart sensor has detected an open window and reported it to the home controller, a smart thermostat turns down the radiator. This means that no valuable heat is lost.

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