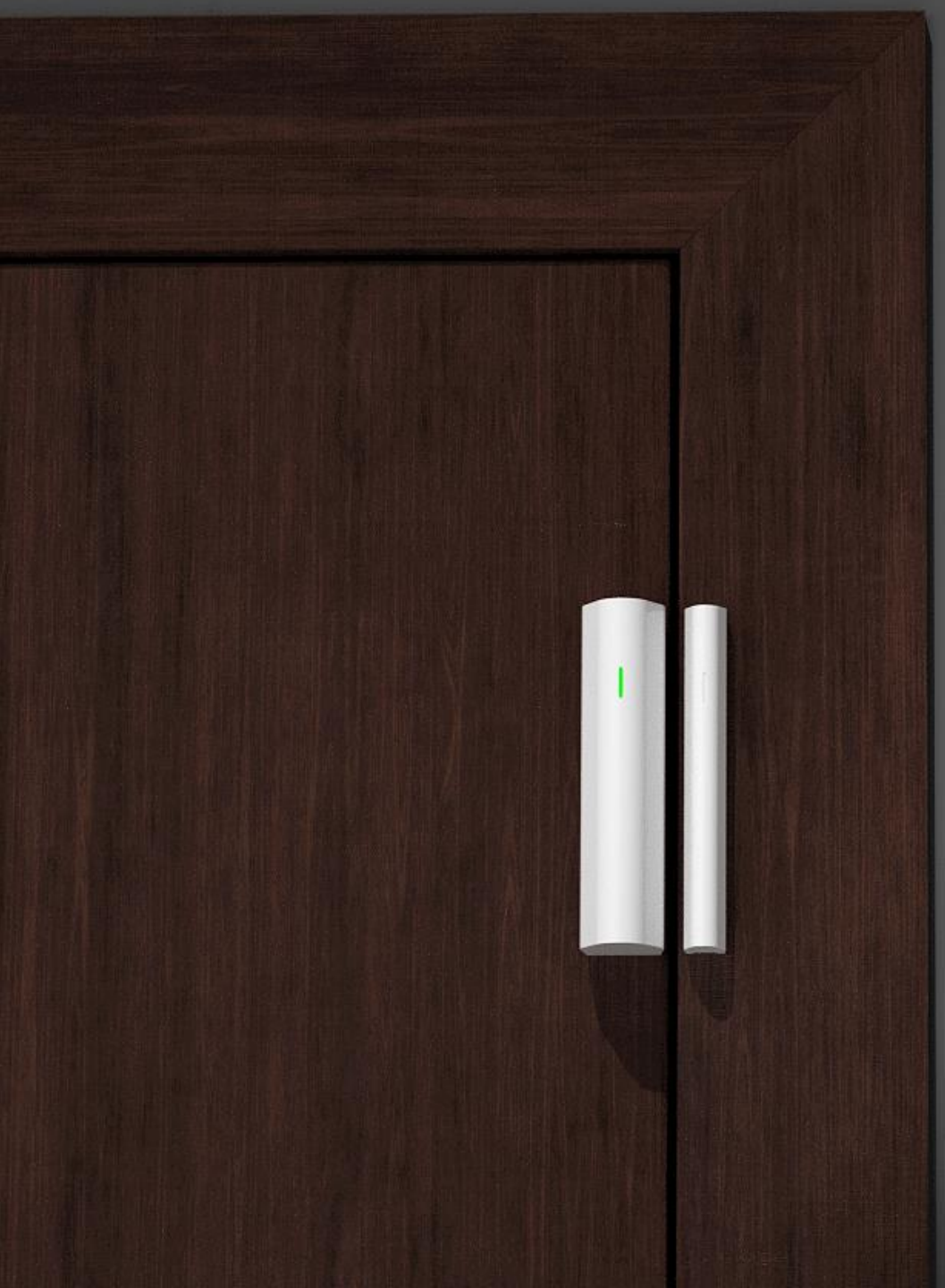
DEFED

Strong Defender to simplify your home security

LifeSmart Intruder Alarm Produts Family

2020.10

Alarm Station
Motion Sensor
Key Fob
Indoor Siren
Door/Window Sensor



Door/Window Sensor

A narrow design opening contact, applicable for any windows or doors you want. The built-in temperature sensor could make users aware of room environment.

Tamper Protection

Suitable For Any Door Or Window

Battery Life Up To 10 Years

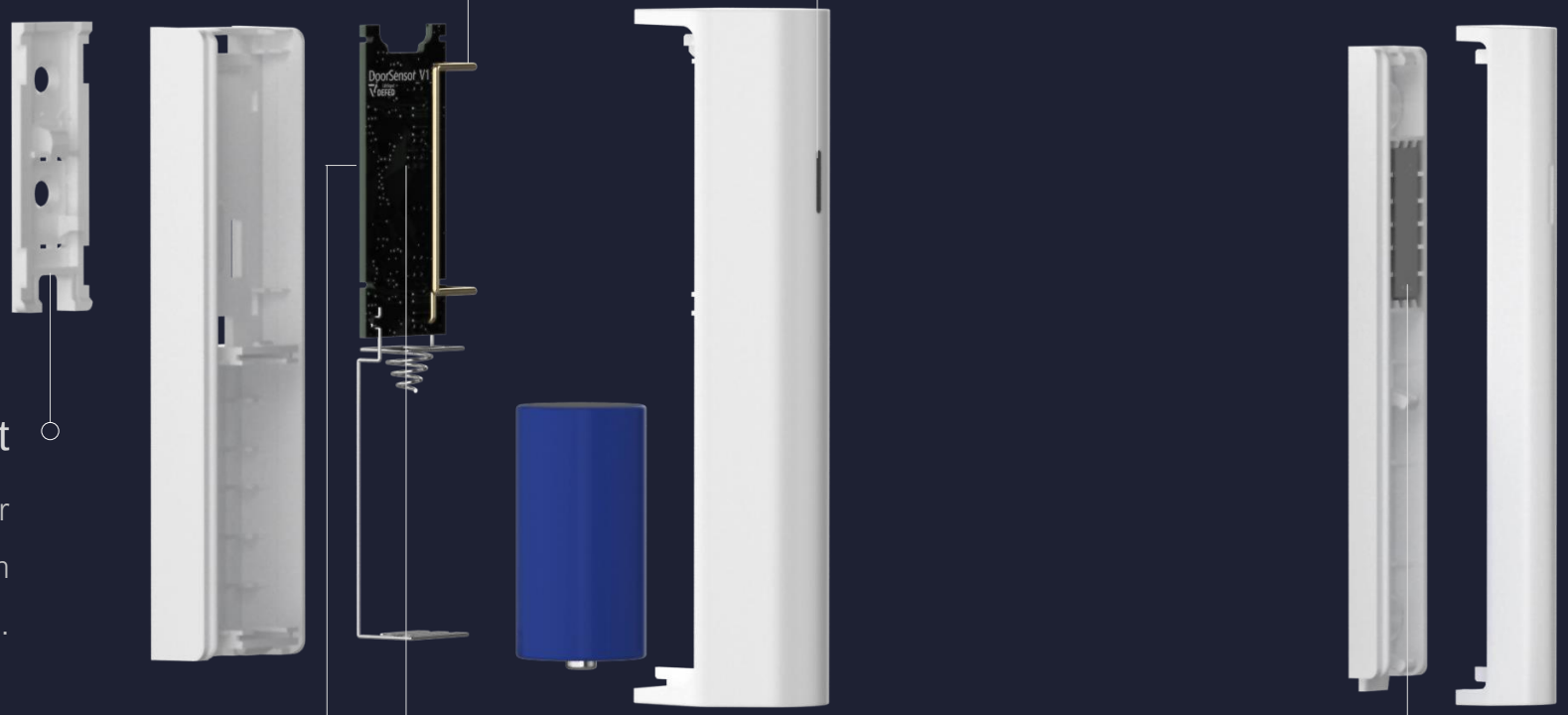
Long Distance Signal Transport via CoSS

Upgrade Antena

Provides longer wireless transmission distance up to 800M

LED Indicator

Visually Feedback the working status of sensor



Wall-mount Bracket

Fixed to the wall by 3M adhesive or screws. Prevents the sensor from being violently removed off the wall.

Physical Power On/Off Switch

Easy to turn on/off the sensor, not bothering to take down and plug in battery

Low Power Consumption Control Module

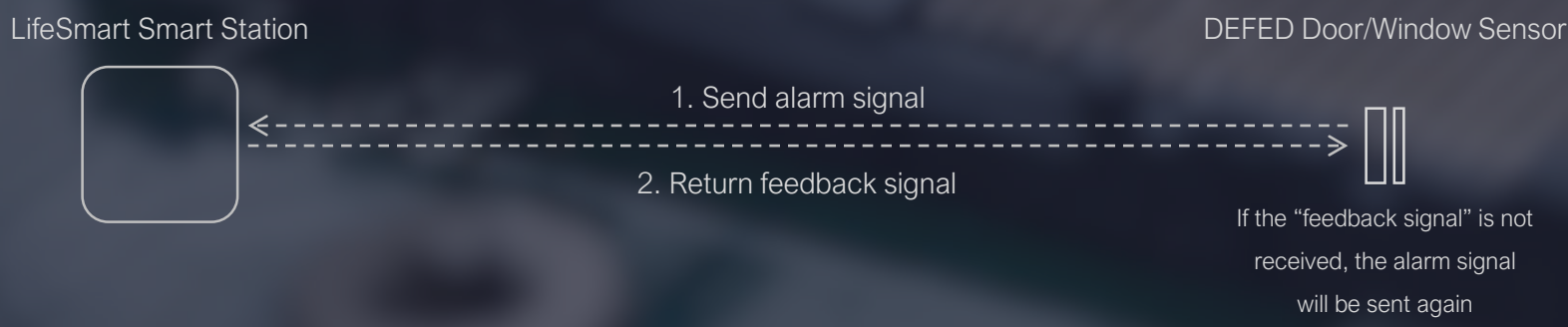
Static power ≤ 0.01mw, battery life up to 10 years

Intensive Magnet

Increases activation distance to 2.5cm

CoSS™ Wireless Transmission Technology

- **Stable Connections：** Designed with High-frequency heartbeat mechanism, in case of power loss, contact loss or other problems, the connection failure can be detected within less than 40s.
- **Ultra Power-saving：** The power consumption can be dynamically adjusted according to the distance between the sensor and Smart Station to optimize the power consumption.
- **Never Loss of Signal：** Thanks to the two-way communication mode, the Smart Station will return a feedback to the sensor when receive an alarm signal. In case of time-out feedback, the sensor will send the alarm signal repeatedly to ensure the robustness of transmission.

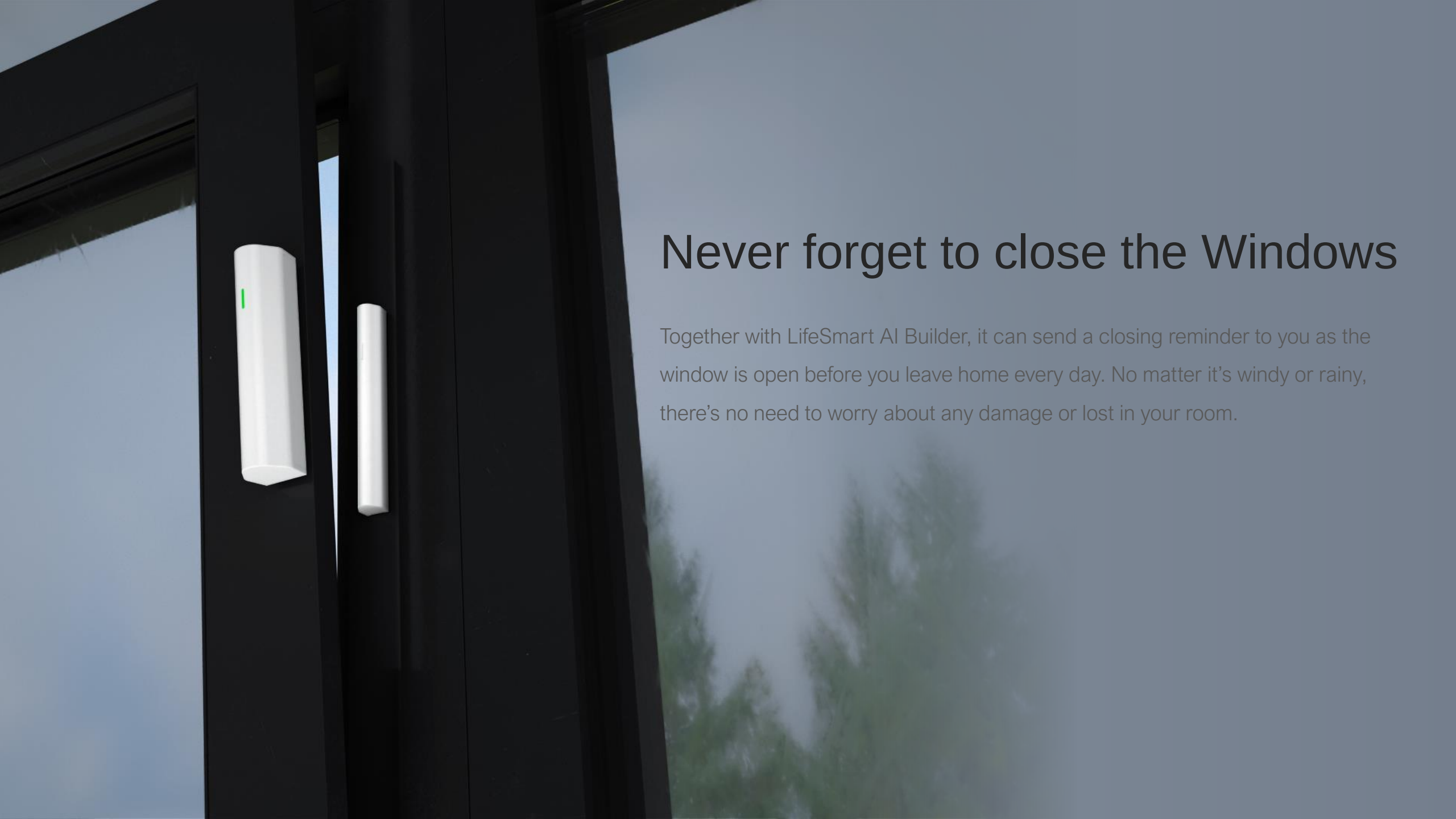


Intrusion Protection

Send alarm notifications to you via LifeSmart when someone intrudes illegally. And the DEFED Siren worked in the alarm system will produce sound alarm to deter the intruder.

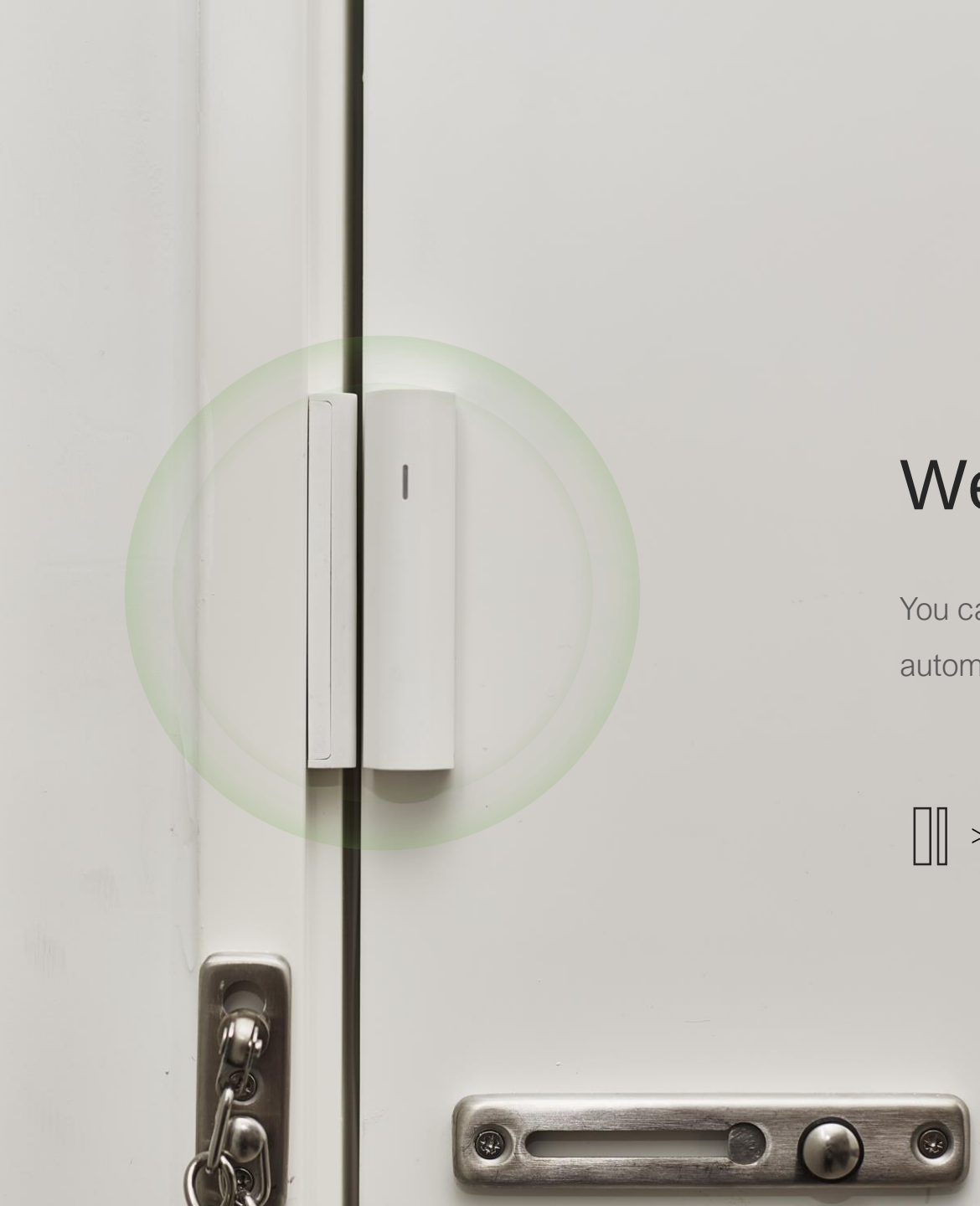
Tamper Protection

If someone violently removes the DEFED Door/Window sensor off the wall, you will get notifications via LifeSmart app and you can restore your IoT alarm system in the first place.



Never forget to close the Windows

Together with LifeSmart AI Builder, it can send a closing reminder to you as the window is open before you leave home every day. No matter it’s windy or rainy, there’s no need to worry about any damage or lost in your room.

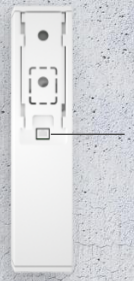


Welcome Home

You can set smart scenes for DEFED Door/Window sensor to automatically light up when you back home during certain periods.

New usage for your old sensors

Every DEFED Door/Window can connect an extended sensor via NC interface. So you can add the suitable traditional sensor, for example a sensor used for the shutter, to the new smart home and alarm system.



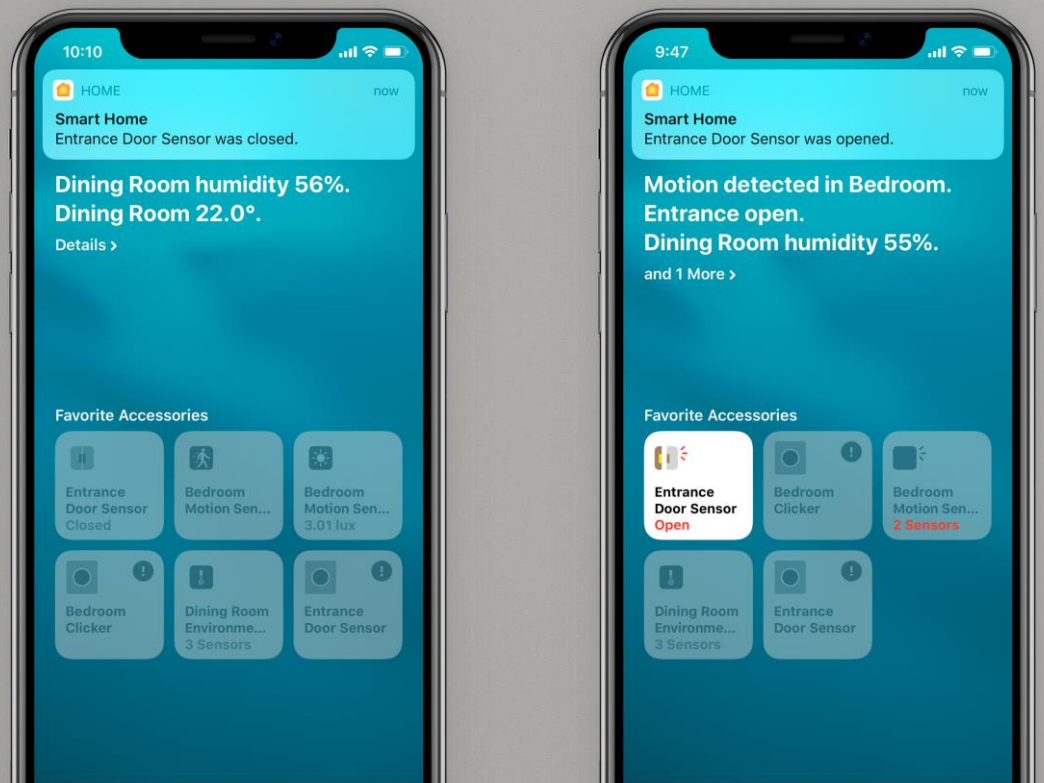
NC Interface for extended traditional sensor

Temperature Detection for Smart Heating

DEFED Door/Window can detect your room temperature. The smart heating equipments in LifeSmart system could adjust automatically according to your room temperature.

HomeKit

Works with Apple HomeKit when added to Smart Station. The Home app will notify you when the door sensor is closed or opened. On that basis, you can set scenes to be triggered by the door's switch.



Compact size to be applied to thousands of scenarios

Entrance

Window

Drawer

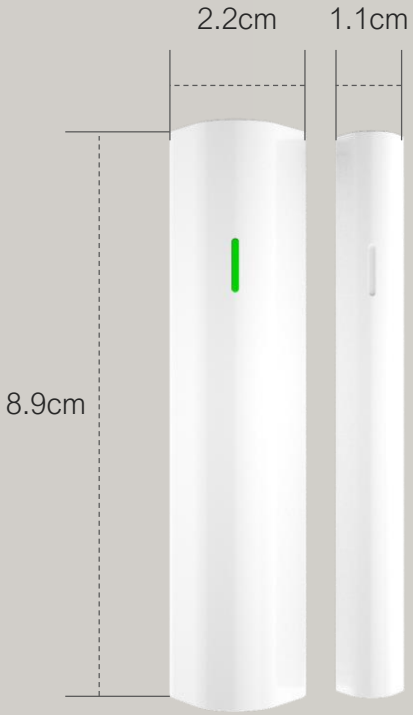
Cabinet

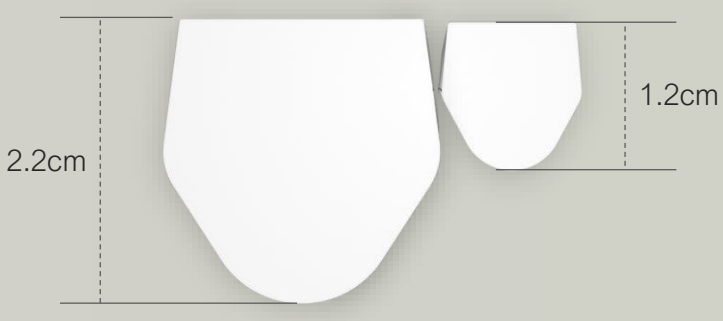
Fence

Safe

Shutter

Sliding Door





Guard Dangerous Goods

For the important or dangerous cabinet, DEFED Door/Window Sensor can also be used to prevent them from being touched or removed by kids or pets.

Keep Your Family Member Safe

Remotely monitor to keep the elderly, children, or pets safe from danger.

Spec

General

Model Number	LS202WH
Installation	Wall mount
Operating Temperature	-5~45℃
Operating Humidity	5~90%
LED Indicator	Yes
Static Consumption	≤0.01mw
Interface	NC interface for extended sensor
Power Supply	1 Battery CR123A, 3V
Activation Distance	2.5cm
Battery Life	Up to 10 years

Radio

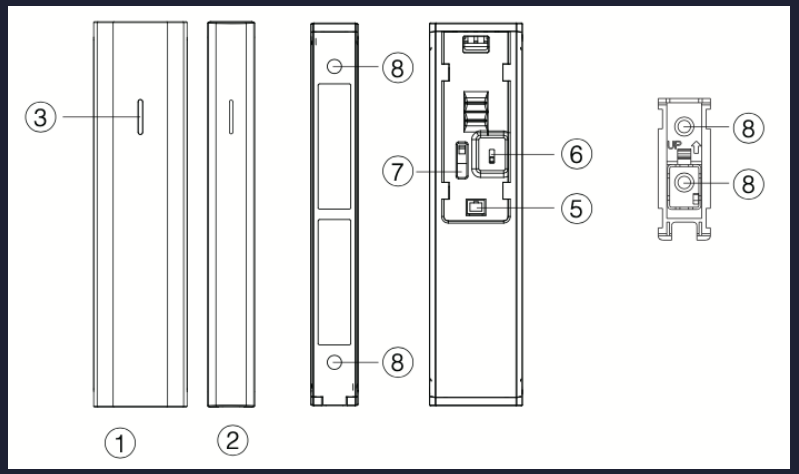
Radio Protocol	CoSS
Signal Range(Open Field)	800m

Construction

White/Black	White
Sensor Dimension	22*22*89mm
Magnet Dimension	10*12*89mm
Casing	PC
Net Weight (with battery)	44g
Gross Weight (with battery)	75g

Features

Tamper Protection	Supports
Temperature Detection	Supports
Extended Sensor	Supports
App Notification	Supports
Data Encryption	AES128



① Door/Window sensor
② Magnet
③ Indicator
④ Wall-mount bracket
⑤ External sensor input interface
⑥ Power on/off switch
⑦ Tamper protection button
⑧ Screw hole

Package

Carton

Dimension	120*70*35mm;
Contents	DEFED Door/Window Sensor (with built-in battery) *1, User Guide *1, Screw Kit *1, 3M Adhesive *3

DEFED Door/Window Sensor (with built-in battery) *1

User Guide *1

Screw Kit *1

3M Adhesive *3

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