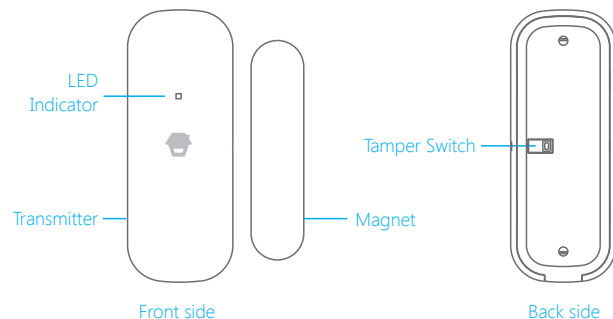


Introduction

The contact contains a transmitter and a magnet, which can be mounted on a door, window, or any object that can be opened or closed. When the transmitter and magnet are separated, the contact will send a signal to the control panel and the control panel will trigger an alarm. The tamper switch ensures that sabotage attempting to disassemble the contact will trigger an alarm.

Overview

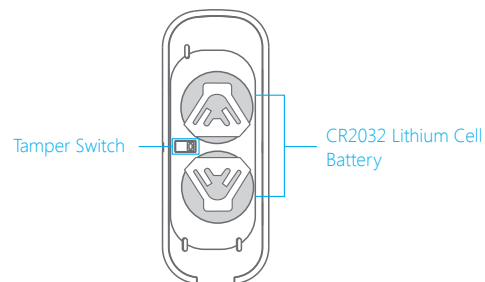


LED Indication

Flash once: Intruder is detected.

Flash once per 3 seconds after triggered: Low battery. Replace the battery as soon as possible.

PCB Layout

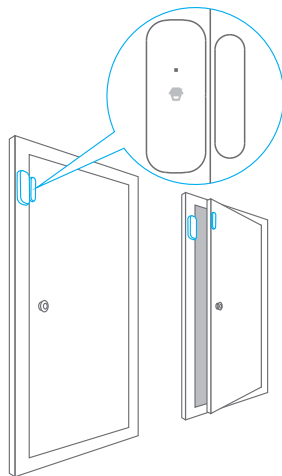


Note: When tamper switch is pressed, system will alarm immediately.

Installation

After confirming that the door/window contact works properly, the installation steps can be proceed as follow:

Secure the transmitter and magnet on the desired locations (like door or window which can be opened and closed) with double-sided tapes.

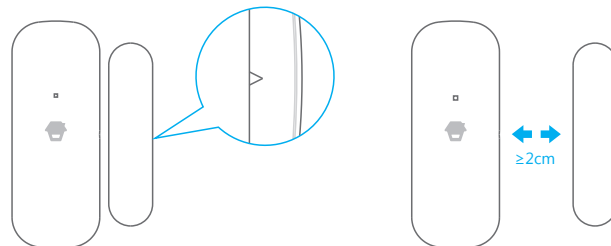


Note: If this product is installed on a metal door, place spacers under the transmitter and magnet. This product is not suitable for shutter doors, please purchase shutter door sensor for your use.

Connect the Door/Window Contact

Connecting the door/window contact is to build a wireless connection between the door/window contact and the control panel.

1. Make sure the triangle mark is close to each other and within the range of 1cm.
2. Control panel enters into the connecting state (For details, please refer to the relative user manual).
3. Separate the transmitter and magnet with the space more than 2 cm, the control panel beeps once, indicating successful connection.



Note: If the control panel beeps twice when the above operation is done, it means the contact has been connected before.

Specifications

Power Supply: DC 3 V (CR2032 lithium button cell battery x 2)

Standby Current: < 1 uA

Alarm Current: < 20 mA

Transmitting Distance: < 80 m (Open area/no interference)

Radio Frequency: 868MHz or 915MHz

*Only 868MHz is available for Europe

Housing Material: ABS plastic

ERP(dBm).MAX: -10.26

Operation Condition:

Temperature: 0 °C~+50 °C

Relative Humidity: < 90% (non-condensing)

Transmitter Dimensions: 72.5 x 28 x 10 mm

Magnet Dimensions: 58 x 14 x 9.5 mm

EN CE Declaration of Conformity

DE CE-Konformitätserklärung **FR Déclaration de conformité** **CE NL CE-conformiteitsverklaring**

ES Declaración de conformidad **CE PT Declaração de Conformidade** **CE IT Dichiarazione di conformità** **CE**



EN According to the EC Council Directive 2014/53/EU Radio Equipment
DE Gemäß der Richtlinie 2014/53/EU des Europäischen Rates über Funkanlagen
FR Conforme à la directive 2014/53/UE du Conseil européen sur les équipements radioélectriques **NL** Volgens de EG-Richtlijn 2014/53 / EU Radioapparatuur
ES Conforme a la Directiva del Consejo de la CE 2014/53 / UE sobre Equipos de Radio **PT** Em conformidade com a Diretiva do Conselho CE 2014/53/UE relativa aos Equipamentos de Rádio **IT** In conformità alla direttiva del Consiglio Europeo 2014/53/UE per apparecchiature radio

EN We **DE** erklären wir, **FR** Nous, **NL** Wij **ES** Nosotros, **PT** Nós, **IT** Noi
 smanos Europe
 Postbus 3071, 2130 KB Hoofddorp
 The Netherlands

EN Declare that the Product detailed below: **DE** dass das im Folgenden beschriebene Produkt **FR** déclarons que le produit détaillé ci-dessous : **NL** verklaren dat het product hieronder wordt beschreven: **ES** Declaramos que el producto descrito a continuación: **PT** Declaramos que o Produto detalhado abaixo: **IT** Dichiariamo che il prodotto riportato qui sotto:

EN Model: DS2300 Wireless Door & Window Contact **DE** Modell: DS2300 Tür-/ Fensterkontakt **FR** Modèle: DS2300 Contact de porte/fenêtre **NL** Model: DS2300 Deur-/raamcontact **ES** Modelo: DS2300 Contacto de puerta/ventana **PT** Modelo: DS2300 Contacto da porta/janela **IT** Modello: DS2300 Contatto per porta/ nostra

EN is herewith confirmed to comply with the requirements set out in the EC Council Directive 2014/53/EU Radio Equipment. For the evaluation of the compliance with this Directive, the following standards were applied: **DE** den in der Richtlinie 2014/53/EU des Europäischen Rates über Funkanlagen niedergelegten Anforderungen entspricht. Für die Beurteilung der Konformität mit dieser Richtlinie wurden die folgenden Normen angewandt: **FR** est certifié conforme aux

exigences de la directive 2014/53/UE du Conseil européen sur les équipements radioélectriques. Pour l'évaluation de la conformité avec cette directive, les normes suivantes ont été appliquées : **NL** Hiermee wordt bevestigd dat het voldoet aan de vereisten uiteengezet in de EG-richtlijn 2014/53 / EU voor radioapparatuur van de EU. Voor de beoordeling van de naleving van deze richtlijn werden de volgende normen toegepast: **ES** cumple con requisitos establecidos en la Directiva del Consejo de la CE 2014/53 / Equipo de Radio de la UE. Las siguientes normas se aplicaron para evaluar el cumplimiento de esta Directiva: **PT** está em conformidade e cumpre os requisitos definidos na Diretiva do Conselho CE 2014/53/UE relativa aos Equipamentos de Rádio. Para a avaliação de conformidade com esta diretiva, as seguintes normas foram aplicadas: **IT** soddisfa i requisiti contenuti nella direttiva del Consiglio Europeo 2014/53/UE per apparecchiature radio. Per la valutazione della conformità a tale direttiva, sono stati applicati i seguenti standard:

EN301 489-1 V2.1.1: 2017
EN301 489-3 V2.1.1: 2017
EN300 220-1 V3.1.1: 2017
EN300 220-2 V3.1.1: 2017
EN62479: 2010
EN62368-1: 2014



Brian P. Borghardt
General Manager
Hoofddorp, 08/06/2017



EN INFORMATION FOR THE USERS

At the end of its life, the device has to be separated from the other waste. Consign the device and all its components together to a center of electronical and electrotechnical waste recycling center, designated by your local authorities.

DE INFORMATIONEN FÜR DIE BENUTZER

Das Gerät am Ende seiner Lebensdauer von den anderen Abfällen getrennt werden muss. Der Benutzer sollte das Gerät und alle seine Komponenten zusammen mit einem geeigneten Zentrum des elektronischen und elektrotechnischen Abfallrecyclingzentrum, das von ihren örtlichen Behörden benannt ist, verteilen.

FR INFORMATIONS POUR LES UTILISATEURS

Qu'en fin de vie, l'appareil doit être séparé des autres déchets. Consigner l'appareil et tous ses composants dans un centre approprié de recyclage des déchets électroniques et électrotechniques, désigné par vos autorités locales.

NL INFORMATIE VOOR DE GEBRUIKERS

Aan het einde van zijn levensduur moet het apparaat van het andere afval worden gescheiden. Verzend het apparaat en alle componenten samen naar een centrum voor elektronische en elektrotechnische afvalrecycling, aangewezen door uw lokale autoriteiten.

ES INFORMACION DEL USUARIO

Al final de su vida útil, el dispositivo debe separarse de los otros residuos. El usuario debe remitir el dispositivo y todos sus componentes a un centro adecuado de centro de reciclaje electrotécnico, designado por las autoridades locales.

PT A INFORMACAO DOS UTILIZADORES

No final de sua vida, o dispositivo deve ser separado dos outros resíduos. O usuário deve consignar o dispositivo e todos os seus componentes em um centro apropriado de reciclagem de resíduos eletrônicos e eletrotécnicos, designado pelas autoridades locais.

IT INFORMAZIONE AGLI UTENTI

Il simbolo del cassonetto barrato riportato sull'apparecchiatura indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti. L'utente dovrà, pertanto, conferire l'apparecchiatura integra dei componenti essenziali giunta a fine vita agli idonei centri di raccolta differenziata dei rifiuti elettrici ed elettronici, oppure riconsegnarla al rivenditore al momento dell'acquisto di nuova apparecchiatura di tipo equivalente. Lo smaltimento abusivo del prodotto da parte dell'utente comporta l'applicazione delle sanzioni amministrative di cui al Decreto Legislativo N. 49 del 14 Marzo 2014.

"

FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20cm(8 inches) during normal operation.

Industry Canada Notice

This device complies with Industry Canada licence-exempt RSS standard(s).

1. Operation is subject to the following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.