

smanos®

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DS-20 Door/Window Sensor

EN

DE

FR

NL

ES

PT

IT

USER MANUAL

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, and
- (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, 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 in stalled and used in accordance with the instructions, may casue harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If the 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.

Industry Canada Notice

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

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Introduction

The DS-20 Door/Window Sensor detects the open/close status of a door or window being protected. It can be installed on a door/door frame, window/window frame or any other object that can be opened/closed and needs detection.

Tell us what you have found to monitor with your DS-20 or find ideas on our facebook page at www.facebook.com/smanos.

Pairing to the K1 Hub

The sensor needs to be paired to the K1 Hub first before use. To pair the sensor, please refer to the K1 Hub's user manual or press the "+" button and follow the instructions on the Accessories Page of "smanos home" app.

Product Overview

Front View

LED Indicator



Rear View



Inside View

Tamper Switch



LED Indicator

Blinks once: Transmitter and Magnet were separated and sends alarm signal to the K1 Hub.

Blinks once per 3 seconds: Low battery; please change the battery as soon as possible.

Tampering Switch

Anti-tampering protection ensures that any attempts to move the battery cover results in an alarm and push notification.

Installation

There are aligning marks on the sides of the transmitter and magnet; make sure the marks face each other and within the range of 1 cm (0.4").

Place the sensor near the location that needs protection. Set the K1 system to Test Mode, and then trigger the Door Sensor by separating the Magnet and Transmitter.



The K1 Hub will sound 3 beeps to confirm the connection and range with K1 Hub is good. Then start to install the sensor with the supplied double-sided tapes.

Specifications

Model: DS-20

Power: 3V CR123A Li-Mn battery x 1 pc

Radio frequency: 915MHz (± 75 KHz)

Operating conditions: 0-50°C / 32° - 122°F, humidity < 90% RH (non-condensing)

Transmitter dimensions (L x W x H):

23.8 x 26.4 x 70mm / 0.94" x 1.04" x 2.76"

Magnet dimensions (L x W x H):

14.9 x 10.4 x 70mm / 0.59" x .41" x 2.76"

Avis d'Industrie Canada

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Cet appareil numérique ne dépasse pas les Rèlements sur l'interférence radio par un appareil numérique de classe B stipulées dans les Règlement sur l'interférence radio d'industrie Canada.