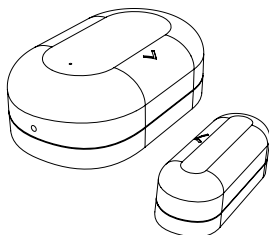


INSTRUCTION MANUAL

Door and Window Sensor
Art.No.: 99 190 45
Model No.: TM001-ZA



MALMBERGS

Malmbergs Elektriska AB
PO Box 144, SE-692 23 Kumla, SWEDEN

www.malmbergs.com

TECHNICAL SPECIFICATIONS

Product type	Door and window sensor
Operating voltage	2.4V - 3.3V
Wireless connection	ZigBee
Operating temp.	Ta: -20°C - +60°C
Dims (WxDxH)	40x25x13 mm, 26x10x9 mm
Battery type	CR2032 cell battery 3V

EMC Standard (RED)

ETSI EN 301 489-1 V2.2.0 (2017-03),
ETSI EN 301 489-17 V3.2.0 (2017-03)

Safety Standard (RED)

EN 62368-1:2014+A11:2017

RoHS Standard (RoHS)

IEC 62321

Radio Equipment (RED)

ETSI EN 300 328 V2.1.1 (2016-11)

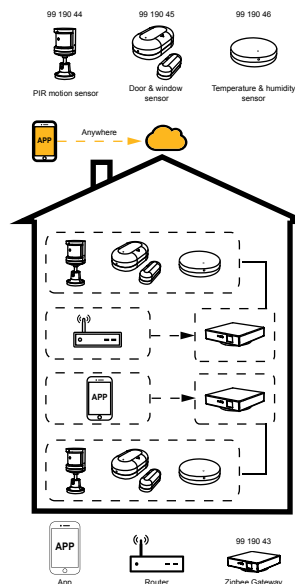
Health Standard (RED)

EN 62311:2008

REACH Standard (RED)

(EC) No 1907/2006

Control your Smart Home wherever you are



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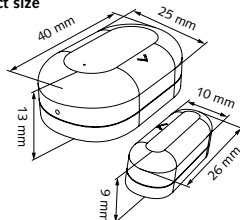
AF/BC-JA/YL-191203

INSTALLATION

⚠ Warnings:

- This device does not support standalone application and it must work together with the ZigBee gateway (9919043 optional accessories) under the same WIFI network configuration.
- Indoor use only.
- Keep the device out of reach of children.
- Keep the device away from water, damp or hot environment.
- Do NOT exceed the recommended electrical ratings.
- Install the device away from strong signal sources such as microwave ovens, which may lead to signal interruption resulting in abnormal operation of the device.
- Obstruction by concrete wall or metallic materials may reduce the range of the device and should be avoided.
- Do NOT attempt to disassemble, repair or modify the device.

Product size



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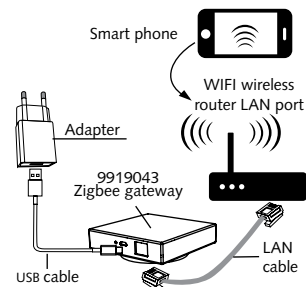
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Wiring Instructions and Diagrams

The device can only be installed indoors. The correct installation should meet the following conditions:

- Ensure that the device is within the range of the ZigBee gateway network.
- The device detects the opening or closing of the door and window, and works in conjunction with other devices to implement smart home application.
- Ensure that the door magnet is located on the side of the alignment mark.

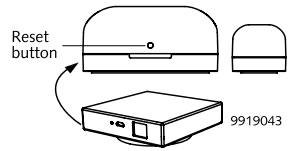


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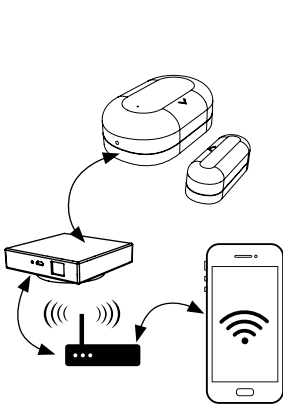
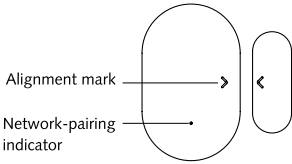


iOS APP/Android APP

- 1 Scan the QR code to download the MALMBERGS App. You can also search the keyword "MALMBERGS" at App Store or Google Play to download the App.



- 3 Make sure the ZigBee gateway is added and installed to the WIFI network. Ensure that the product is within the range of the ZigBee gateway network.

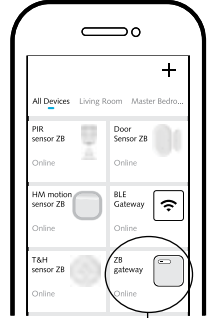


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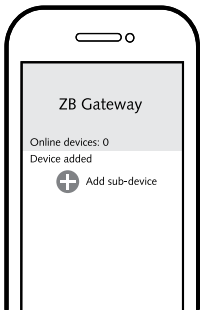
- 2 Register your account with your mobile number or e-mail address, wait a few minutes for verification code (by text message or e-mail) and enter it where required to set a password, and "Create Family". If you already have an account, please log in directly with your mobile number or e-mail address and password to open the App.

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Open the control panel of the ZigBee gateway on the App.

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- 4 Click "+" (Add sub-device) to select the suitable product category and follow the on-screen instruction for pairing.



- 5 When pairing is done, the device will be shown in the App.

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⚠ Note: Contents, icons and symbols shown in the mobile app may be subject to change without prior notice due to continuous upgrading and improvement.

FAQ

Q1: What should I do if I can't configure the device?

- Please check whether the device is powered on.
- Make sure your mobile and the device are in the same 2.4GHz WIFI network.
- Please check if the WIFI signal is strong enough.
- Make sure the password entered in the App is correct.
- Make sure the wiring is correct.

Q2: Which products can I control with the device?

You can control all types of lights, and electrical products in accordance with the device specifications.

Q3: What happens if the WIFI goes off?

You can still control your unit with Bluetooth or with the ON/OFF switch that is connected to the unit.

Q4: What should I do if I change the WIFI network or change the password?

You can connect the module to the WIFI network according to the App User Manual.

Q5: How do I reset the device?

Press and hold the reset button or power

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on/off device 5 times until the indicator light is flashing rapidly or a beep on the module is sounding continuously.

Q6: Other technical problems?

Please contact our technical support by e-mail: smarhome@malmbergs.com.

SYSTEM REQUIREMENTS

- WIFI [®] Router
- 9919043 ZigBee gateway
- iPhone, iPad(iOS 8.0 or higher)
- Android 4.4 or higher

DECLARATION OF CONFORMITY

We hereby certify that the device satisfies the provisions for CE markings in accordance with the EU directives (EMC Directive 2014/30/EU, RE Directive 2014/53/EU, RoHS Directive 2011/65/EU, (EU) 2015/863, REACH (EC) No 1907/2006) as described in this manual.

For and on behalf of:

Anders Folke

Malmbergs Elektriska AB, Sweden.
Mr. Anders Folke / Product Manager
Date: December 3, 2019



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