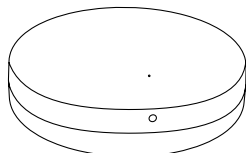


## INSTRUCTION MANUAL

# Temperature and Humidity Sensor

Art.No.: 99 190 46

Model No.: TT0001-ZA



# MALMBERGS

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

www.malmbergs.com

## TECHNICAL SPECIFICATIONS

Product type	Temperature and humidity sensor
Operating voltage	2.4V - 3.3V
Wireless connection	ZigBee
Operating temp.	Ta: -20°C - +60°C
Dims (WxDxH)	37x37x11 mm
Battery life	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)

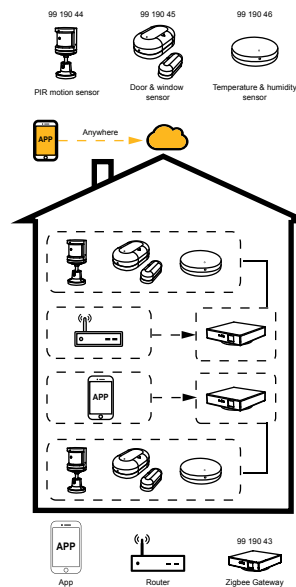
**Health Standard (RED)**

EN 62311:2008

**REACH Standard (RED)**

(EC) No 1907/2006

## Control your Smart Home wherever you are



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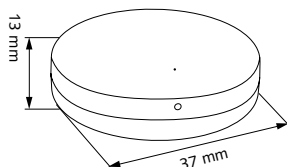
AF/BC-JA/YL-191203

## 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

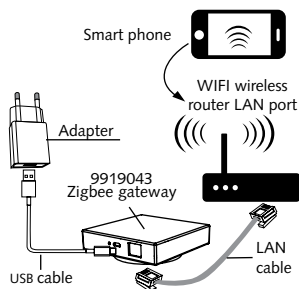


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## Wiring Instructions and Diagrams

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

1. Ensure that the product is within the range of the ZigBee gateway network.
2. The device detects temperature and humidity in the environment in real time, and works in conjunction with other devices to implement smart home application.
3. Keep the device away from water, damp or hot environment.



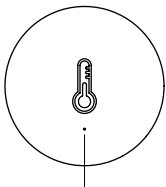
5

Malmbergs Elektriska AB (publ)

PO Box 144, SE-692 23  
Kumla, SWEDEN

Phone: +46 (0)19 58 77 00  
info@malmbergs.com  
www.malmbergs.com

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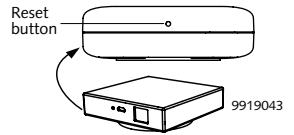
Network-pairing indicator

### APP USER MANUAL

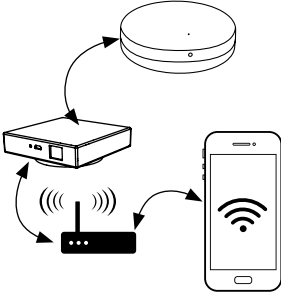


iOS APP/Android APP

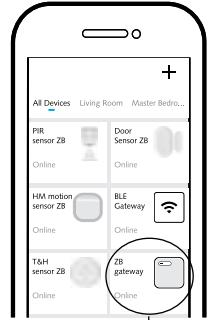
- 1 Scan the QR code to download the MALMBERGS App. You can also search the keyword "MALMBERGS" at App Store or Google Play to download the App.



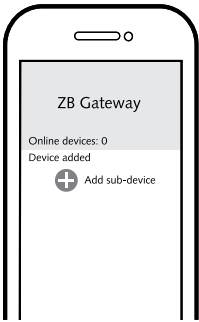
- 3 Make sure the ZigBee gateway is added and installed to the WIFI network. Ensure that the product is within the range of the ZigBee gateway network.



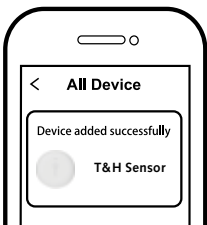
- 2 Register your account with your mobile number or e-mail address, wait a few minutes for verification code (by text message or e-mail) and enter it where required to set a password, and "Create Family". If you already have an account, please log in directly with your mobile number or e-mail address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



Open the control panel of the ZigBee gateway on the App



- 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.

**⚠ 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

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: [smarthome@malmbergs.com](mailto:smarthome@malmbergs.com).

### SYSTEM REQUIREMENTS

- WIFI <sup>®</sup> Router
- 9919043 ZigBee gateway
- iPhone, iPad (iOS 7.0 or higher)
- Android 4.0 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 2014/53/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:

Malmbergs Elektriska AB, Sweden.  
Mr. Anders Folke / Product Manager  
Date: December 03, 2019

