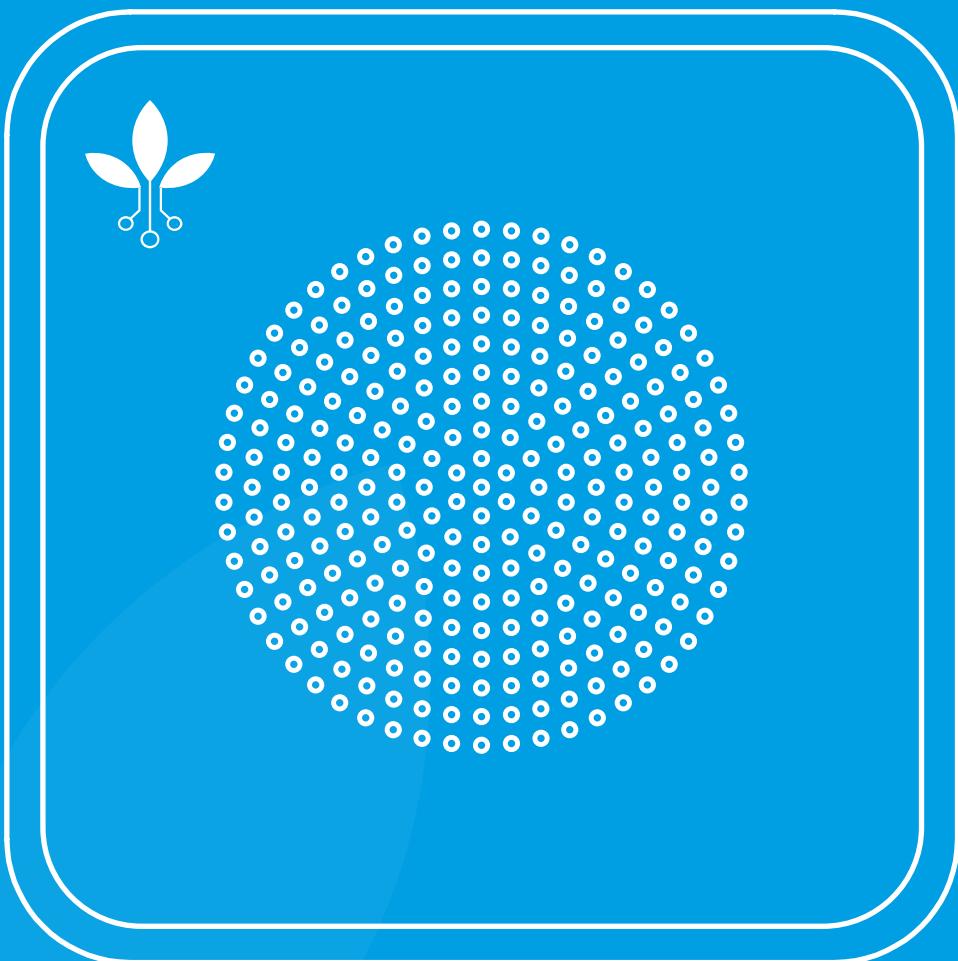


# MICA / MICA Lite 2021-22

## Wall instalation guide



**inBiot**  
Sense your building

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# General Information

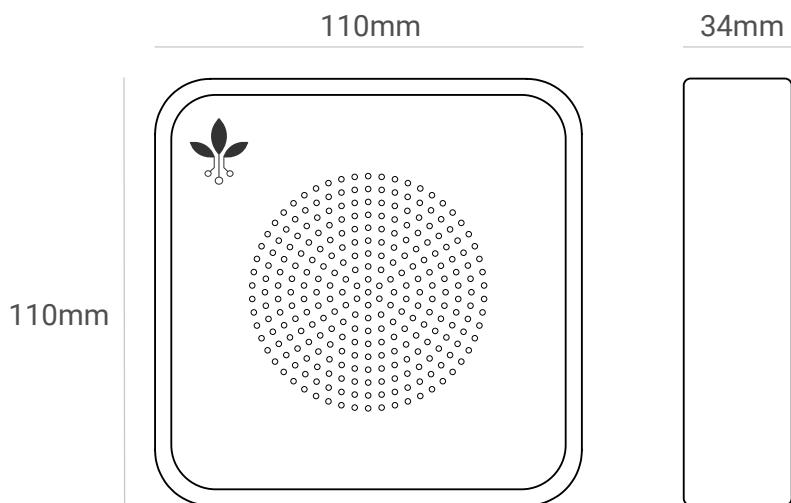
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## Features

MICA / MICA Lite 2021 - 2022 version.  
For indoor use.  
Power supply 230 VAC 50 Hz.  
Touch button.  
Aluminium and wood.

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## Dimensions and weight



Weight: 330 grams

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## Connectivity

Wi-fi 802 (2.4 GHz up to 150 Mbit/s).  
GSM/GPRS (2G SIM 800C).

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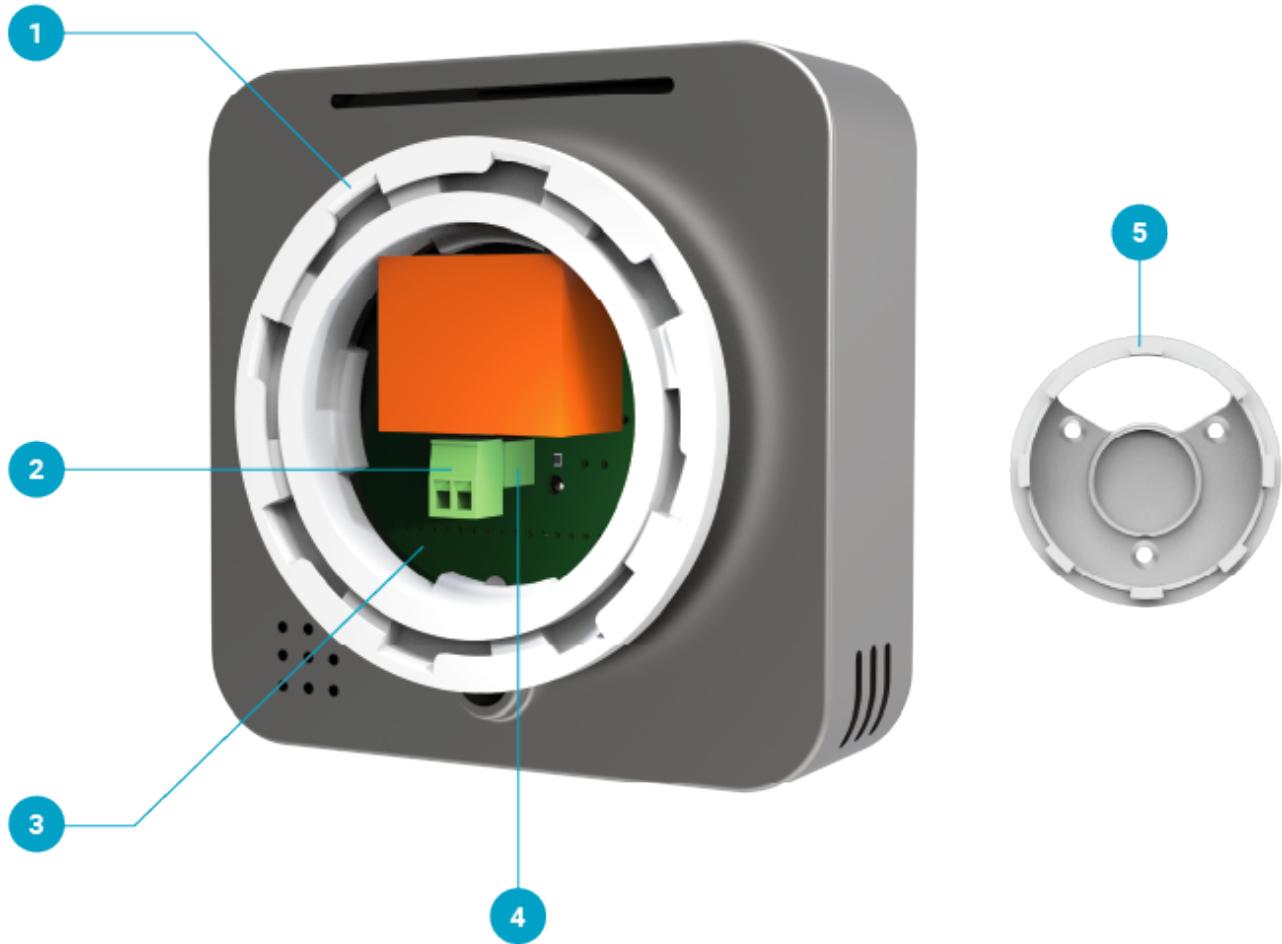
## Communication

Modbus RTU (serial protocol: RS485).

# Wall installation

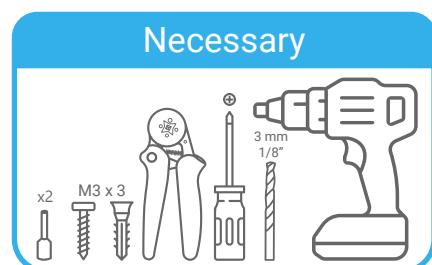
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# Parts and pieces



## Description

1. MICA coupling piece.
2. Male power terminal.
3. PCB.
4. Female power terminal.
5. Wall coupling piece.

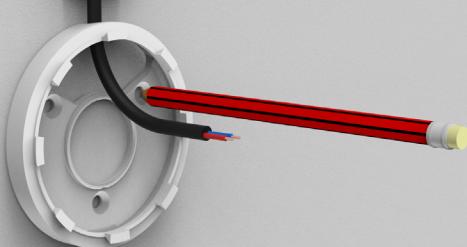


# Installation steps

01



02



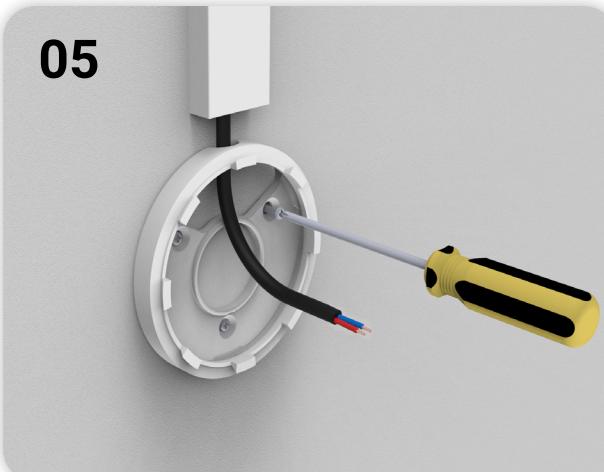
03



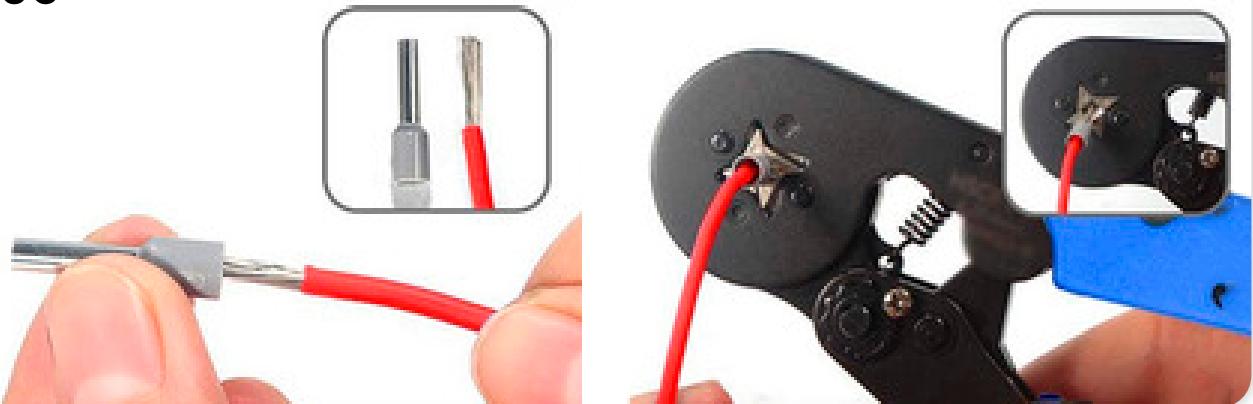
04



05



**06**



**07**



**08**



09



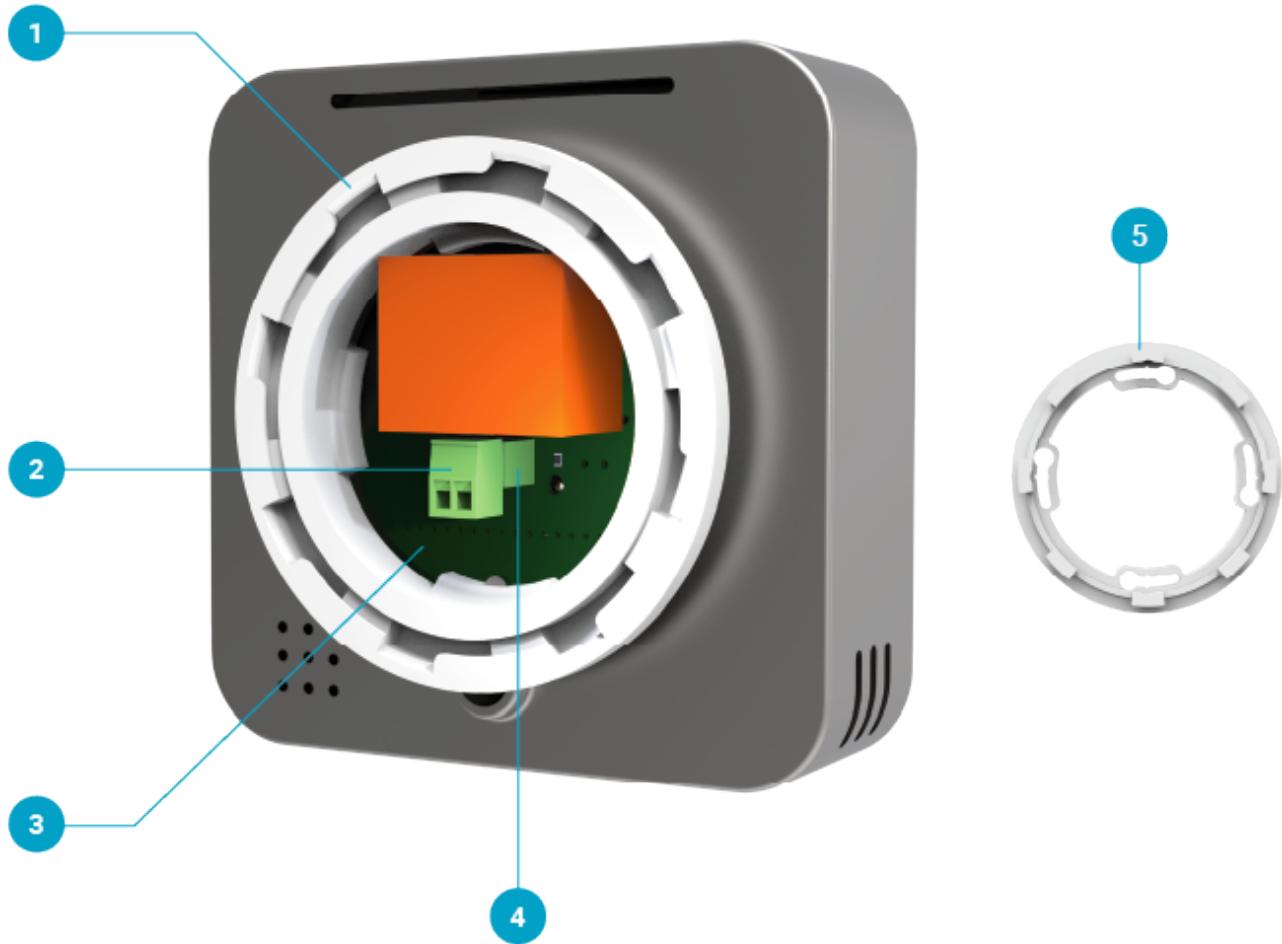
## Steps description

1. Place the wall coupling piece where you want to install the MICA, passing the cable through the notch on the back of the piece. **Recommended height: 120 - 180cm.**
2. When you are sure of the location, mark the 3 screw holes.
3. Drill a hole at each point that you previously marked.
4. Introducir un taco (del tipo que corresponda según el material de la pared) en cada una de las perforaciones que acabamos de hacer.
5. Align the coupling piece with the holes that we made previously and fix it to the wall with 3 screws.
6. Add a ferrule to each wire of the power hose.
7. Connect the male terminal to the power cable. For this, the ferrules must be inserted through the entries and secured by tightening each screw.
8. Connect the male power terminal to the female terminal on the PCB.
9. To mount the MICA on the wall, it must be rotated about 20° clockwise in order to align the coupling hooks. Once aligned, it must be pushed and turned to the opposite side until the MICA is straight.

# Electrical box instalation

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# Parts and pieces



## Descripción

1. MICA coupling piece.
2. Male power terminal.
3. PCB.
4. Female power terminal.
5. Electrical box coupling piece.



# Installation steps

01



02



03



04



05



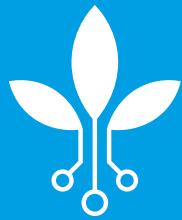
## Steps description

1. Secure the coupling piece to the electrical box with at least two screws. **The recommended height to install the MICA is between 120 and 180cm.**
2. Add a ferrule to each wire of the power hose.
3. Connect the power cable to the male power terminal. For this, the ferrules must be inserted through the terminal entries and secured by tightening each screw.
4. Conectar el cable alimentación a la terminal de alimentación macho. Para esto se deben introducir las punteras por las entradas y asegurarlas apretando el tornillo.
5. Connect the male power terminal to the female terminal on the PCB.
6. To mount the MICA on the wall, it must be rotated about 20° clockwise in order to align the coupling hooks. Once aligned, it must be pushed and turned to the opposite side until the MICA is straight.

# Usage notes

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1. For more information, check out this [video tutorial](#).
2. Except for temperature and humidity, the MICA sensors require warmup, so, after connecting it, MICA will take several minutes to display the values in My inBiot.
3. The sensors are factory calibrated. The accuracy of the measurement is guaranteed as long as the recommended renewal time is not exceeded.  
No maintenance needed during each sensor's lifespan.
4. 5. Do not blow directly into the device. The accuracy of the measurement and the durability of the sensors exposed to outdoor environments are not guaranteed.
5. Device for indoor air monitoring. Its exposure to outdoor environments can cause irreparable damage.
6. For any questions, contact our support team at [support@inbiot.es](mailto:support@inbiot.es).



# inBiot

Sense your building

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