

## Device Instruction

MODB-HMI47 is a master Modbus (RTU) HMI made to monitor and configure all our Modbus RTU(RS485) slave controllers. It's very easy to install and can be powered by a 12-36 VDC power source. Its 4.7" capacitive touch screen makes it very easy to use. Ebimicro provides a free of charge application as well with the same functionality and capability (<https://ebimicro.com/ebicon/>) but the MODB-HMI47 has the following benefits in compare:

- Energy efficiency: it used only 150-200 mA.
- Easy to install: the wall-mounting part makes it very easy to install and remove.
- Size: it's small and tiny enough to be installed everywhere.
- User friendly: the configuration and readings are more clear and easy to read and edit.

## Article Codes

Model	Supported Controllers	Description
MODB-HMI47	All Ebimicro controllers	Basic Features to read and Modify Modbus registers
MODB-HMI47-W	All Ebimicro controllers	WiFi integrated to have the Features of basic model on phone or tablet
MODB-HMI47-W-C	All Ebimicro controllers	Wifi integrated and possible to connect to the Cloud DB

## Specification

- Power Supply: 12-36VDC
- Touch Screen: 4.7" Capacitive Touchscreen
- RTC: Real Time Clock in MODB-HMI47-W-C version
- Operating temperature range: 0 to 60 °C
- Modbus RTU (RS485)

## Enclosure

- ABS plastic
- Protection class: IP54
- Dimension: 130x80x25 mm

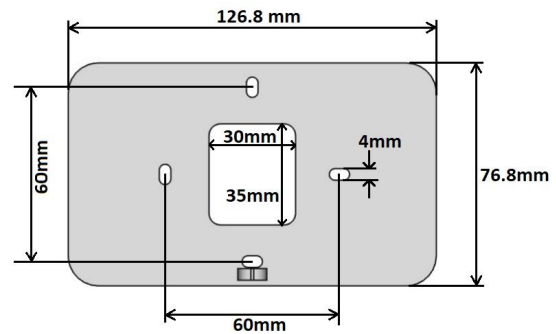
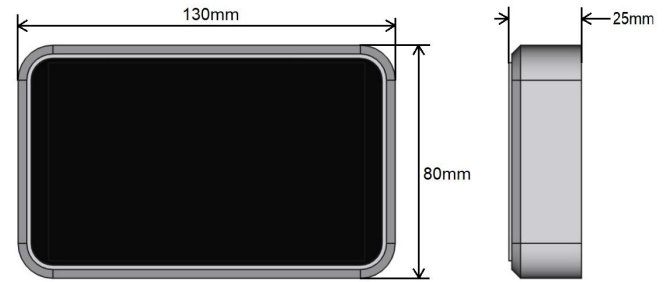
## Compliance norms & standards

- EMC directive 2014/30/EU:
- Low Voltage Directive 2014/35/EU
- CE conformity

## Intended area to use

- Industry
- Home
- Office
- Lab

## Mounting Installation

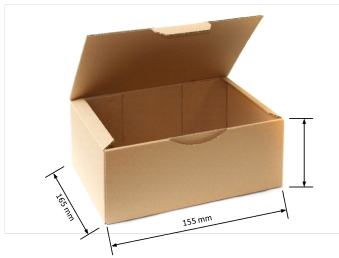


## Wiring Diagram

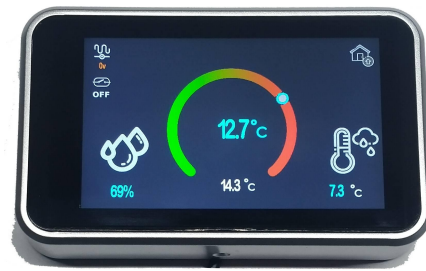
Follow the wiring diagram printed on the PCB board.



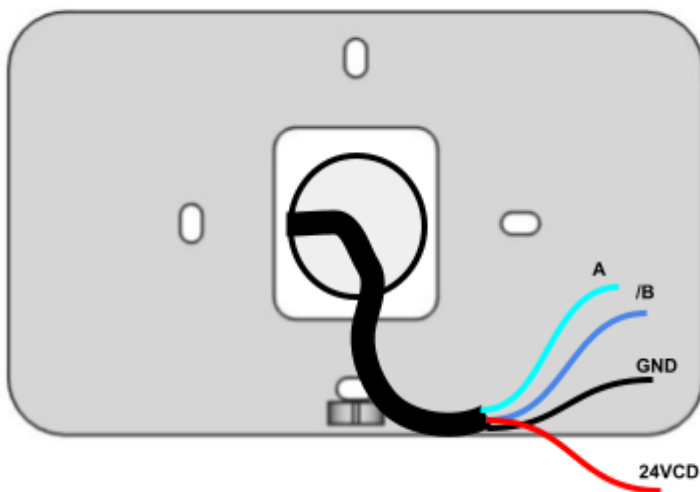
### Package Dimensions



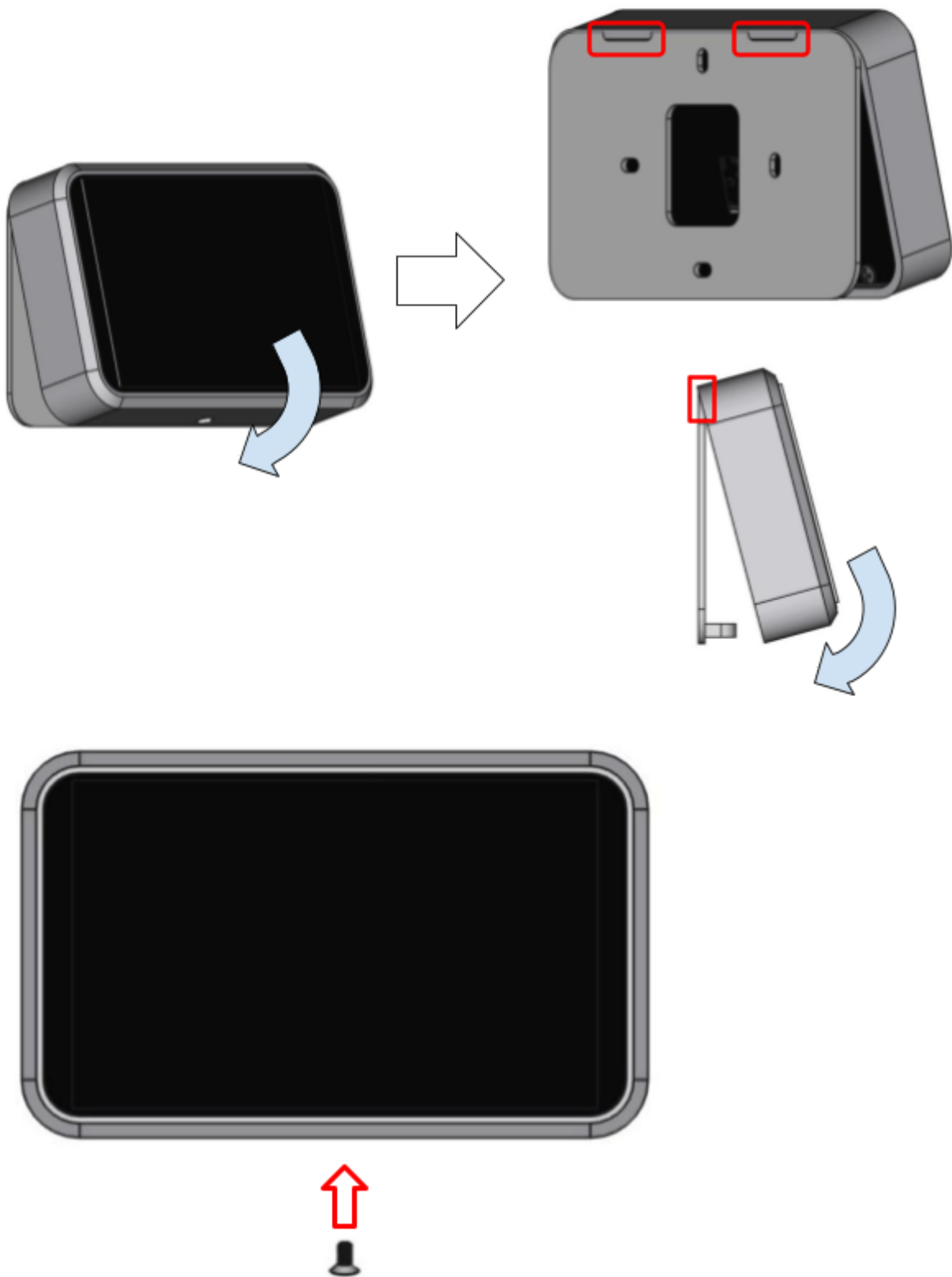
### Content of the package



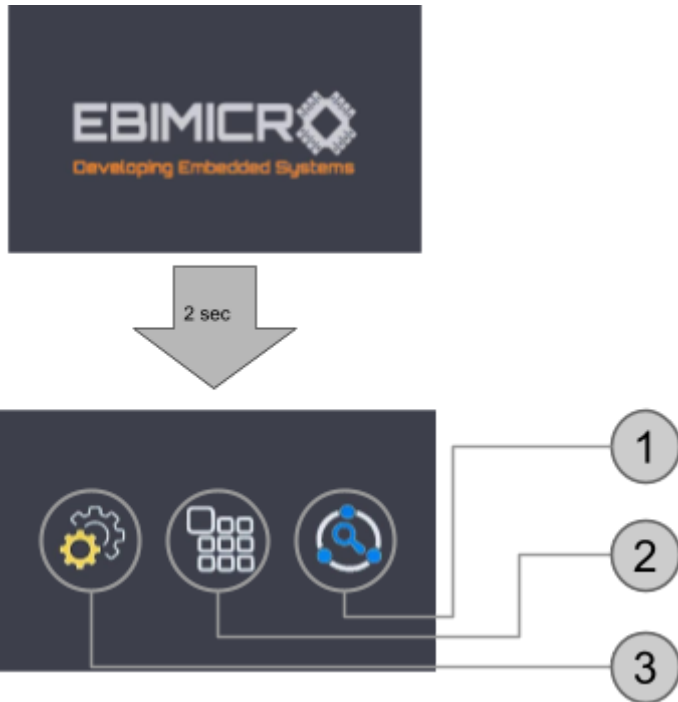
### Installing manual



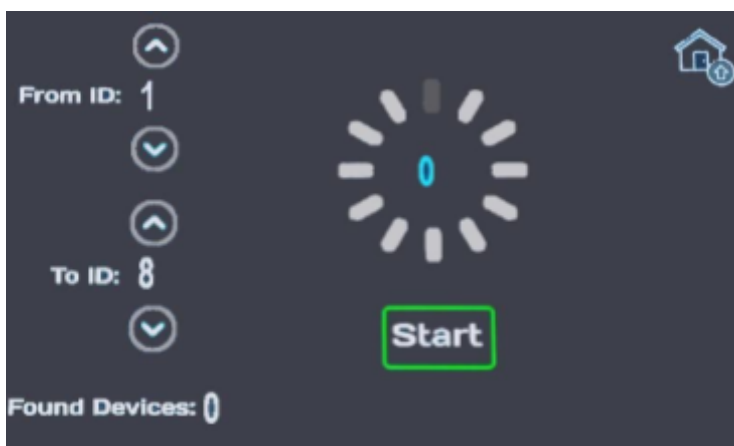
Burgem, Achiel Heymanstraat 90  
9140, Tielrode  
Oost-Vlaanderen, Belgium  
<https://ebimicro.com>



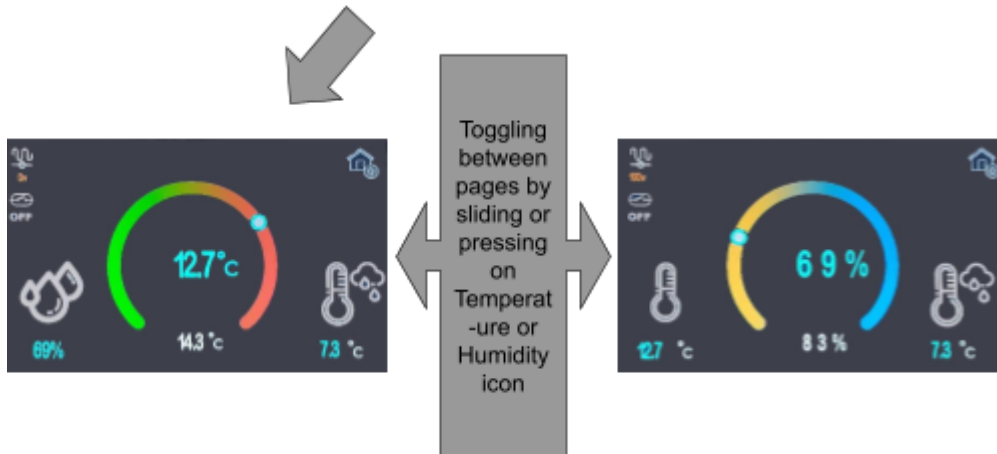
## Menu Structure



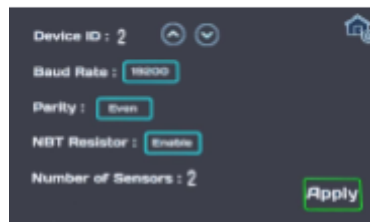
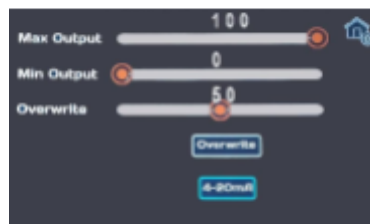
1



2



3



Burgem, Achiel Heymanstraat 90  
9140, Tielrode  
Oost-Vlaanderen, Belgium  
<https://ebimicro.com>