

Temper-tec



Moralejo Técnica S.L

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<https://moralejotecnica.com/>

Moralejo
TÉCNICA S.L.

This device measures the temperature of the place where it has been placed. The value of that temperature goes up to the internet and is received in the mIOTec application on your Smartphone.

A setpoint temperature and two alarm temperatures, maximum and minimum, are programmable.

Through the Smartphone application we can start a heater or a cooler as appropriate and it will automatically turn off once the desired temperature has been achieved.

General

- Configurable sampling time (default: 30 min.)
- Does not require recalibration or maintenance.
- Commissioning, easy and fast.

Applications

- Control of cold rooms.
- Control of greenhouses.
- Control of livestock buildings.
- Environment control.

Electrical characteristics

- Electrical power supply: 2 serial batteries Li-socI2.
- Tension: 7,20 Volts.
- Capacity: 14400 mAh.
- Consumption :
 - < 150mA Active.
 - < 25uA Idle.

Equipment measurement

- Measurement with HTU21D sensor.
- Measurement range: -30° C to 85° C.
- Accuracy: 0.5° C @ 25° C.

Wireless communications

- 2G/3G with SIM card.
- The antenna is external with gain -3 dB.

work environment

- Temperature: -30°C to +80°C.
- Humidity: 10% to 90% RH.

Wired communications

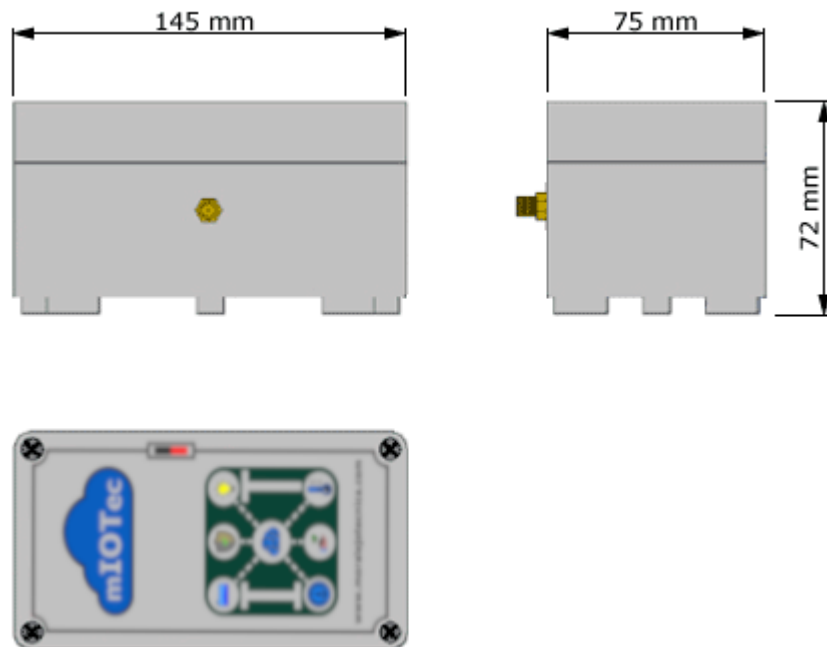
- RS-485 port.
- RS-232 port.

Connectivities



- Our devices are available with different connectivity technologies.
- Choose the one that best suits your needs or let us advise you.
- Sigfox communications.
- LoRa communications.
- 2G/3G, SIM card .
- NB-IOT.

Physical properties of the box



Protection index	IP-67
Height	72 mm
Width	145 mm
Depth	75 mm
Weight	600 gr



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