

## EMOS E0129

# EMOS E0129 Digital Thermometer

## INSTRUCTION MANUAL

Model: E0129 | Brand: EMOS

### Introduction

Thank you for choosing the EMOS E0129 Digital Thermometer. This device provides accurate indoor and outdoor temperature measurements, along with maximum/minimum temperature memory and trend indication. It features a wireless outdoor sensor for convenient placement. Please read this manual carefully before use to ensure proper operation and longevity of your device.

### Safety Information

- Do not expose the main unit to direct sunlight, extreme temperatures, or moisture.
- The outdoor sensor is waterproof, but avoid submerging it in water.
- Use only the specified battery type (AAA) and ensure correct polarity.
- Keep batteries out of reach of children. Do not mix old and new batteries or different types of batteries.
- Dispose of used batteries and the device according to local regulations.
- For detailed safety information, refer to the official safety document: [Safety Information \(PDF\)](#).

### Package Contents

- 1x EMOS E0129 Main Thermometer Unit
- 1x Wireless Outdoor Sensor
- Instruction Manual (this document)

*Note: 4x AAA batteries are required (2 for the main unit, 2 for the sensor) and are not included.*

### Product Overview

# DIGITALES THERMOMETER – KABELLOS

**EMOS®**

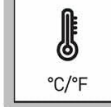
A brand of **legrand**



Innen- und  
Außentemperatur



Mindest- / und  
Höchsttemperaturen



Maßeinheit  
Celsius/Fahrenheit



Reichweite des  
kabellosen Sensors

## Innen- und Außentemperatur

Das kleine Thermometer mit drahtlosem Außensensor zeigt die aktuelle Temperatur, Mindest- und Höchsttemperaturen sowie Temperaturtrends an



**Image:** The main thermometer unit and its wireless outdoor sensor, displaying indoor and outdoor temperatures.



**Image:** A close-up of the main unit's large digital display, showing current indoor and outdoor temperatures.

### **Main Unit (Display)**

- **Large LCD Display:** Shows indoor and outdoor temperatures clearly.
- **Temperature Trend Indicator:** Arrows indicate rising, falling, or stable temperature.
- **MAX/MIN Button:** To view recorded maximum and minimum temperatures.
- **°C/°F Button:** To switch between Celsius and Fahrenheit.
- **Battery Compartment:** Located on the back.

### **Wireless Outdoor Sensor**

# DIGITALES THERMOMETER – KABELLOS

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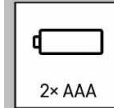
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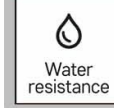
Kabelloser Sensor



Frequenz



Batteriebetrieben  
(nicht enthalten)



Wasserdichter  
Sensor

**Image:** The wireless outdoor sensor, highlighting its compact design and waterproof feature.

- **Waterproof Design:** Suitable for outdoor use.
- **Transmission Frequency:** 433 MHz.
- **Transmission Range:** Up to 80 meters (in open areas).
- **Battery Compartment:** Located on the back.

## Setup

### 1. Battery Installation



**Image:** Rear view of both the main unit and the wireless sensor, indicating their battery compartments and mounting holes.

### 1. For the Wireless Outdoor Sensor:

- Open the battery compartment cover on the back of the sensor.
- Insert 2x AAA batteries, observing the correct polarity (+/-).
- Close the battery compartment cover securely.

### 2. For the Main Thermometer Unit:

- Open the battery compartment cover on the back of the main unit.
- Insert 2x AAA batteries, observing the correct polarity (+/-).
- Close the battery compartment cover securely.

## 2. Initial Pairing

After inserting batteries into both units, the main unit will automatically attempt to connect with the outdoor sensor. This process may take a few minutes. The outdoor temperature will appear on the main unit's display once connected. If the outdoor temperature does not appear, try the following:

- Ensure both units are within range (max 80m, less with obstacles).
- Remove and reinsert batteries in both units to force a re-pairing.

- Move the sensor closer to the main unit during the pairing process.

## Operating Instructions

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### Reading the Display

- The upper large digits show the **Outdoor Temperature**.
- The lower large digits show the **Indoor Temperature**.
- Small arrows next to the temperature readings indicate the **Temperature Trend** (rising, falling, or stable).

### Switching Temperature Units (°C/°F)

Press the **C/F** button on the back of the main unit to toggle between Celsius (°C) and Fahrenheit (°F) display.

### Memory Function (MAX/MIN)

The thermometer automatically records the maximum and minimum temperatures measured since the last reset.

- Press the **MAX/MIN** button once to display the maximum recorded indoor and outdoor temperatures.
- Press the **MAX/MIN** button a second time to display the minimum recorded indoor and outdoor temperatures.
- Press the **MAX/MIN** button a third time to return to current temperature display.
- To reset the MAX/MIN records, press and hold the **MAX/MIN** button for approximately 3 seconds while the MAX or MIN values are displayed. The records will clear, and new recording will begin.

## Placement Guidelines

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## EIN ELEGANTES THERMOMETER FÜR DIE WANDMONTAGE ODER ZUR PLATZIERUNG AUF DEM MÖBELSTÜCK, JE NACH IHRER WAHL

**Image:** The EMOS E0129 main unit placed indoors, demonstrating its suitability for various home environments.

### Main Unit Placement

- Place the main unit indoors in a central location, away from direct sunlight, heat sources (e.g., radiators, appliances), and drafts.
- It can be placed on a table or shelf using its integrated stand, or mounted on a wall using the hanging hole on the back.
- Ensure it is within effective range of the outdoor sensor.

### Outdoor Sensor Placement

- Mount the outdoor sensor in a shaded area to avoid direct sunlight, which can cause inaccurate readings.
- Choose a location protected from heavy rain or snow, even though the sensor is waterproof.
- Ensure the sensor is mounted vertically to allow proper drainage.
- Avoid placing the sensor near metal structures, large electrical appliances, or other sources of interference that could affect wireless transmission.
- The maximum wireless range is 80 meters in open space; obstacles like walls and windows will reduce this range.

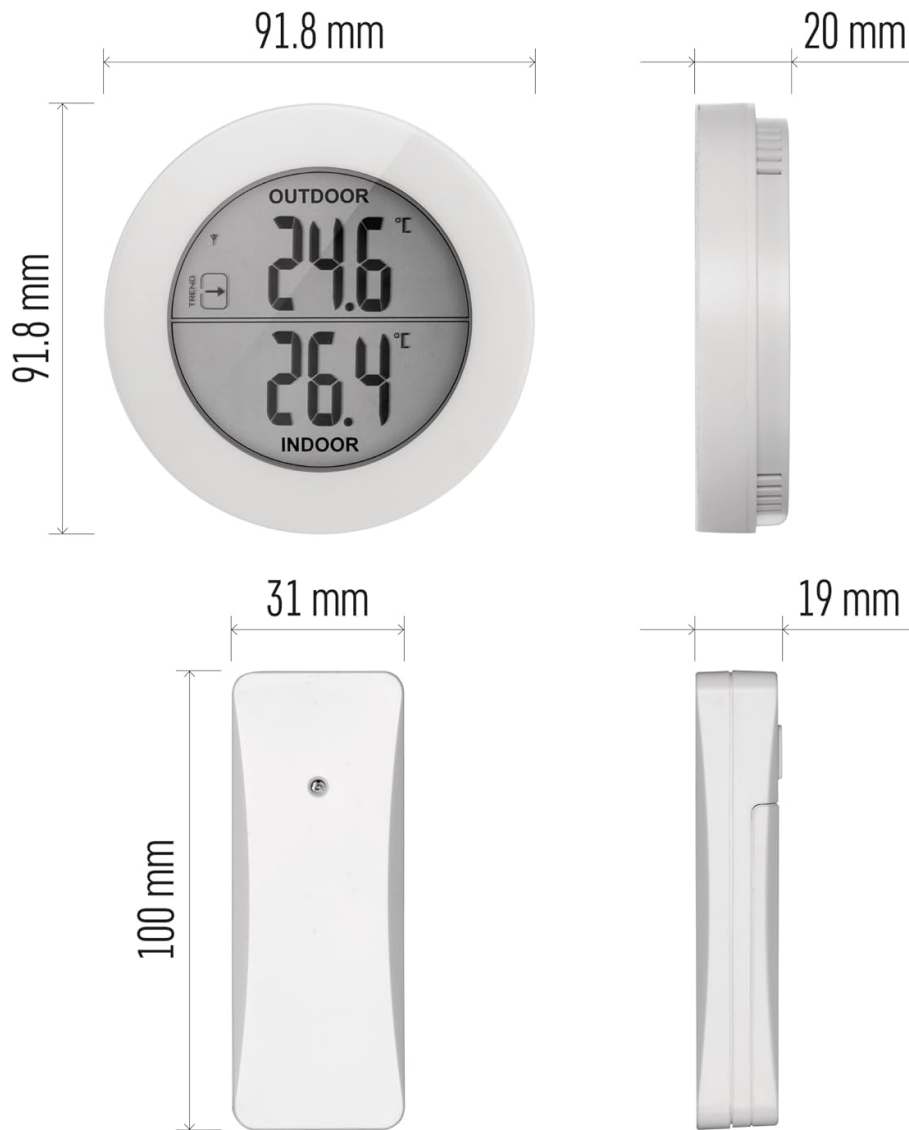
## Maintenance

- **Cleaning:** Wipe the device and sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Battery Replacement:** Replace batteries in both units when the low battery indicator appears on the display. Always replace all batteries at the same time.
- **Storage:** If not in use for an extended period, remove the batteries from both units to prevent leakage.

## Troubleshooting

Problem	Possible Cause	Solution
No outdoor temperature displayed.	Sensor not paired or out of range; low sensor battery.	Check sensor batteries and replace if necessary. Move sensor closer to the main unit. Re-insert batteries in both units to force re-pairing.
Inaccurate temperature readings.	Sensor exposed to direct sunlight or heat source; main unit near heat/cold source.	Relocate the sensor to a shaded, protected area. Ensure the main unit is in a stable indoor environment.
Display is dim or blank.	Low main unit battery.	Replace batteries in the main unit.
Wireless connection is intermittent.	Interference; distance too great; obstacles.	Reduce distance between units. Avoid placing near large metal objects or electronics. Try different sensor placement.

## Specifications



**Image:** Technical drawing showing the dimensions of both the main thermometer unit and the wireless outdoor sensor.

- **Model:** E0129
- **Indoor Temperature Range:** -10 °C to +50 °C (14 °F to 122 °F)
- **Outdoor Temperature Range:** -30 °C to +50 °C (-22 °F to 122 °F)
- **Temperature Resolution:** 0.1 °C / 0.1 °F
- **Main Unit Dimensions (L x W x H):** 91.8 x 20 x 91.8 mm
- **Outdoor Sensor Dimensions (L x W x H):** 31 x 19 x 100 mm
- **Main Unit Power:** 2x AAA batteries (not included)
- **Outdoor Sensor Power:** 2x AAA batteries (not included)
- **Wireless Frequency:** 433 MHz
- **Wireless Range:** Up to 80 meters (open field)
- **Display Type:** Digital LCD
- **Special Features:** Large display, MAX/MIN memory, temperature trend indicator, wall mountable/table stand.
- **Material:** Plastic
- **Color:** White

## Disposal Information

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Do not dispose of the device or batteries with household waste. Please refer to your local regulations for proper disposal of electronic waste and batteries. Correct disposal helps prevent potential negative consequences for the environment and human health.

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