



# Symcod

Industrial computer and  
IT equipment manufacturer

## Neuron-Air

IoT Temperature humidity sensor monitor

Acquire real-time data with the Neuron-Air! With its fully waterproof IP65 case, this wireless temperature sensor monitor allows you to read data and meet your temperature and humidity information management needs. Significantly reduce labour costs and prevent downtime and losses. Resistant, the Neuron-Air sensor can withstand all types of harsh industrial environments!

Known for its precision and connectivity, the Neuron-Air is the ultimate sensor monitor!



### Key advantages



Data acquisition  
automation



Quick and easy  
installation



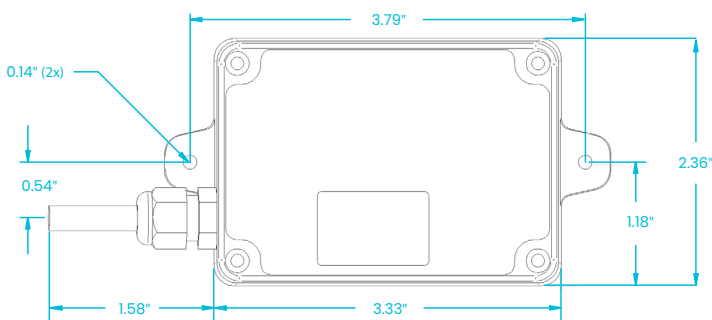
Battery life  
up to 10 years



Wireless  
communication power  
up to 2 km (1.25 miles)

## Neuron-Air

### Dimensions



### Technical specifications

#### Characteristics

- Possible installation of 50 per gateway, to obtain a maximum of 450 sensors.
- Long range communication 900 MHz (independent of Wi-Fi).
- Each temperature sensor is powered by two AA batteries.
- IP65; for harsh industrial environments.
- Precision  $\pm 0,5$  degrees Celsius with no calibration required.
- Gateways are available, such as RS-232 / USB HID VCP (Virtual port series) FTDI / Ethernet (intranet or Cloud / Modbus TCP Slave / Cellular / MQTT.
- Simple installation and configuration via rotary switches on the Neuron-Air.
- The Neuron-Air wireless temperature sensors can be placed directly in a freezer or in a refrigerator. The long radio wave can pass through most metal or stainless-steel walls.
- No additional hardware, software or subscription is required.
- Does not require a temperature software.

#### Areas of use

Industrial / Restauration / Automatization / Medical / Pharmaceutical / Transport / Food factory