

## Wireless Industrial Temperature & Humidity Sensor

The Temperature and Humidity Sensor offers a cost effective LoRaWAN device solution for a variety of applications.

It provides periodic, event driven or change of value transmissions with real time clock timestamps and basic data-logger functions.

Its reliable and low power design allows a battery operation up to 10 years without any maintenance.



### MAIN FEATURES

- Temperature & Humidity Measurement
- Powered by 2 AA Lithium Batteries
- Limit monitoring and Change of Value
- High performance in-house operation
- Over The Air (OTA) & Remote configuration
- Up to 10 years operation with low battery alert

### VERSIONS

Fixed or up to two external cable probes.

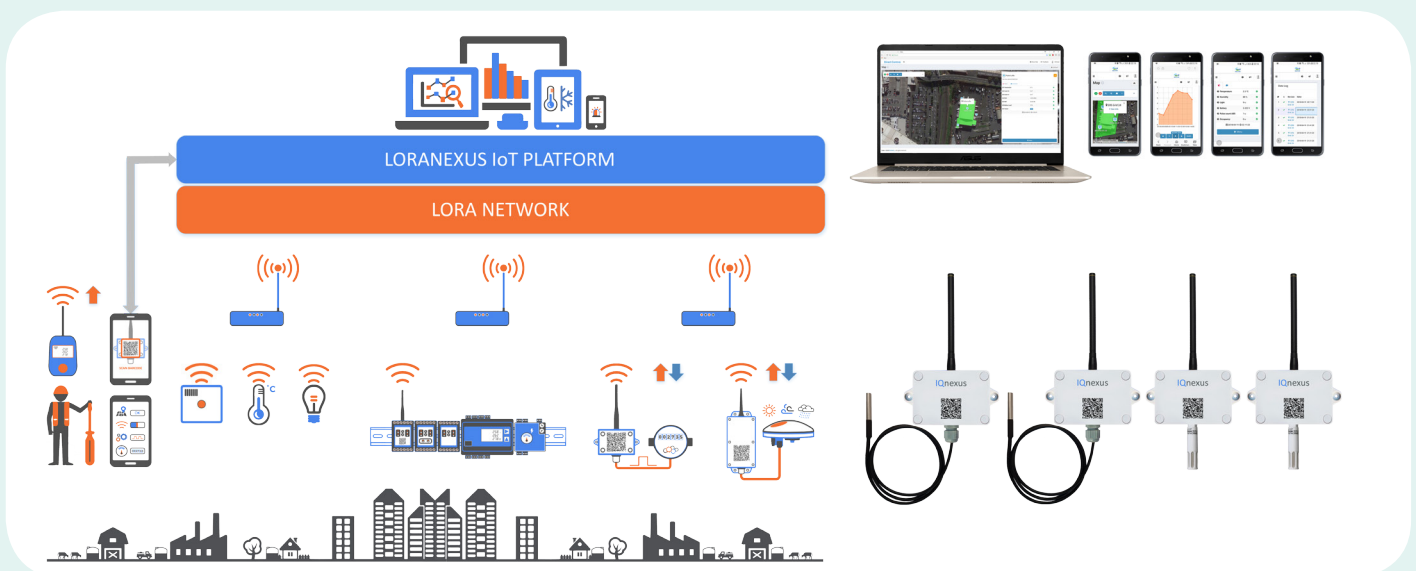
### RADIO COMPLIANCE

- RCM mark for AUS/NZ
- AS/NZS 4268, AS/NZS CISPR
- EU868, AS923, AU915 & US915



### CONFIGURATION

Configuration via the LoRaWAN network of, periodicity, real-time-clock and data encryption. Event based or periodic transmission.



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## Features

Model Name	SEN-TEMP-INDUSTRIAL
Frequency Band	EU868, AS923, AU915 & US915
Transmission Range	Urban environment radius – 10 km
WAN Protocol	LoRaWAN 1.0.2
Modulation	Based on LoRaWAN
RF Transmitter	SX1276
Receive Sensitivity	-140 dBm
Operating Temperature	-40°C ~ 60°C
Storage Temperature	-20°C ~ 60°C
Sensors	Probes for Temperature & Humidity
Power Voltage	3.6 V Nominal
Battery	2 non rechargeable AA Lithium Batteries
Antenna Type	SMA Antenna
Ingress Protection	IP65 (on request IP67)
Dimensions	L 100mm x W 100mm x H 33mm
Weight	80 g ( 145 incl. Batteries )
Mounting	Wall mounted

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