

Adquio LoRa Sensors

Wireless temperature
and humidity probe



Reference: ADO-STH-LORA
Category: ADQUIO • SENSORS

DESCRIPTION

Wireless probe that measures temperature and humidity and sends the readings via LoRa to a compatible receiver.
Indoor areas where temperature and humidity need to be measured, avoiding cabling the communication to the probe.

FUNCTIONS



**Ambient
measurement**

Measures temperature and humidity in the indoor environment. The readings allow knowing the conditions of the room where the probe is located and carrying them to the receiver system.



**LoRa
link**

Sends measurements via LoRa wireless communication. Thus, cabling between each installed probe in different rooms is covered.



**Required
receiver**

Requires a LoRa Sensors Gateway receiver to collect its data. The project must include both the environmental problem and the power supply review during installation.



**18650
batteries**

Uses one or two rechargeable 1865 batteries. This option must be considered to prepare the environmental problem and plan the power supply review during installation.



**Indoor
location**

It is aimed at indoor areas where temperature and humidity need to be measured. Result is adequate when you want to avoid cabling communication to the measurement point.

FOR WHOM



**Building
managers**

For those responsible who need to know temperature and humidity in several rooms without carrying the communication to each probe.



**Maintenance
and support**

For teams that review environmental probes and manage the maintenance of rechargeable batteries at the measurement points.



**Integrators
and technicians**

For technicians who connect LoRa wireless probes with LoRa Sensors Gateway receivers and apply for use in the installation.



**Offices
and spaces**

For indoor areas that want to consult environmental conditions and avoid tensioning cables communication to each room.



**Technical
installations**

For installations that need to distribute environment probes and prepare receiver and power supply at each measurement point.



**Adquio
projects**

For Adquio projects that bring together temperature and humidity readings via LoRa probes and are inseparable communication receiver with them.



Does this product fit into your project?

Contact Adquio to prepare the appropriate proposal.

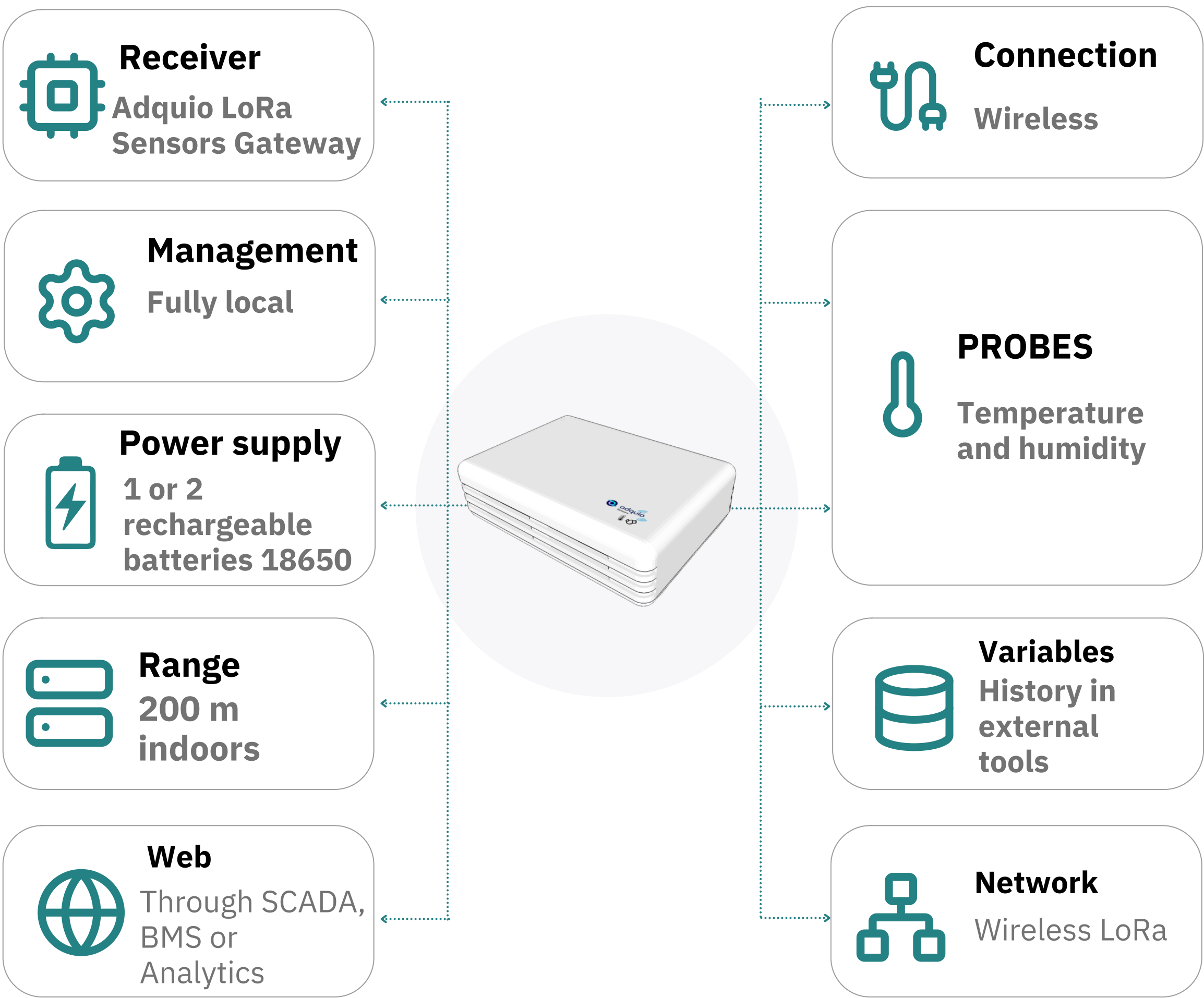


WHEN TO CHOOSE ADQUIO LORA SENSORS

Wireless probe that measures temperature and humidity and sends the readings via LoRa to a compatible local receiver. Indoor areas where temperature and humidity need to be measured, avoiding cabling communication to the probe.

- **Environmental measurement**
Measures temperature and humidity in the indoor environment. The readings allow knowing the conditions of the room where the probe is located and carrying them to the receiver system.
- **18650 batteries**
Uses one or two rechargeable 18650 batteries. This option must be considered when preparing the probe and planning the review of its power supply during installation.
- **LoRa link**
Sends measurements via LoRa wireless communication. Thus, cabling between each installed probe in different rooms is avoided.
- **Required receiver**
Requires a LoRa Sensors Gateway receiver to collect its data. The project must include both the environmental probes and the receiver that receives their readings.
- **Duration**
Between one and two years between recharges
- **Indoor location**
It is aimed at indoor areas where temperature and humidity need to be measured. It is suitable when you want to avoid cabling communication to the measurement point.

INSTALLATION INTEGRATION



FUNCTIONAL DATA

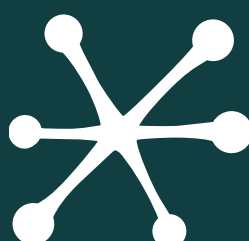
Product	ADQ-STH-LORA
Main function	Temperature and humidity reading
Scope	Depending on the installation
Connection	Encrypted LoRa
Feature	LoRa transmitter
Other data	Indoor location
Capacity / service	1 or 2 18650 batteries
API	Available through Adquio controllers
Function	Environmental measurement
Integration	LoRa link
Configuration	Required receiver
Product data	18650 batteries
Range	Depending on the project



Adquio LoRa
Sensors



Datos del producto



Connection and
integration



Technical support

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