

Adquio LoRa Multi Sensors

Wireless temperature, humidity,
CO2 and VOC probe



Reference: ADQ-STHCV-LORA

Category: ADQUIO · PROBES

DESCRIPTION

Wireless probe that measures temperature, humidity, CO2 and VOC, sending readings via LoRa to a compatible receiver.

Indoor areas where these measurements are desired without wiring communication to the probe. AC power supply.

FUNCTIONS



Environmental measurement

Measures temperature, humidity, CO2 and VOC in the indoor environment. The readings show the conditions of the room where the probe is located and transmit them to the receiving system.



LoRa link

Sends measurements via wireless LoRa communication. This avoids running a communication cable to each probe installed in the different rooms.



Receiver required

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.



18650 batteries

Due to its power consumption, it is powered directly by AC. This option must be considered when preparing the probe and planning the review of its power supply in the installation.



Indoor location

It is intended for indoor areas where temperature, humidity, CO2 and VOC are measured. It is suitable when you want to avoid wiring communication to the measurement point.

FOR WHOM



Building managers

For managers who need to know climate parameters in several rooms without running communication cable to each probe.



Maintenance and support

Because they are powered by AC, they require no special maintenance and operate for years without continuous maintenance.



Integrators and technicians

For technicians who connect wireless probes to the LoRa Sensors Gateway receiver and plan their use in the installation.



Offices and spaces

For indoor areas where environmental conditions are consulted and communication cabling to each room is avoided.



Technical installations

For installations that need to distribute environmental probes and plan for the receiver and power supply at each measurement point.



Adquio projects

For Adquio projects that combine temperature, humidity, CO2 and VOC readings through LoRa probes and a receiver compatible with them.



Is this product part of your project?

Contact Adquio to prepare the right proposal.

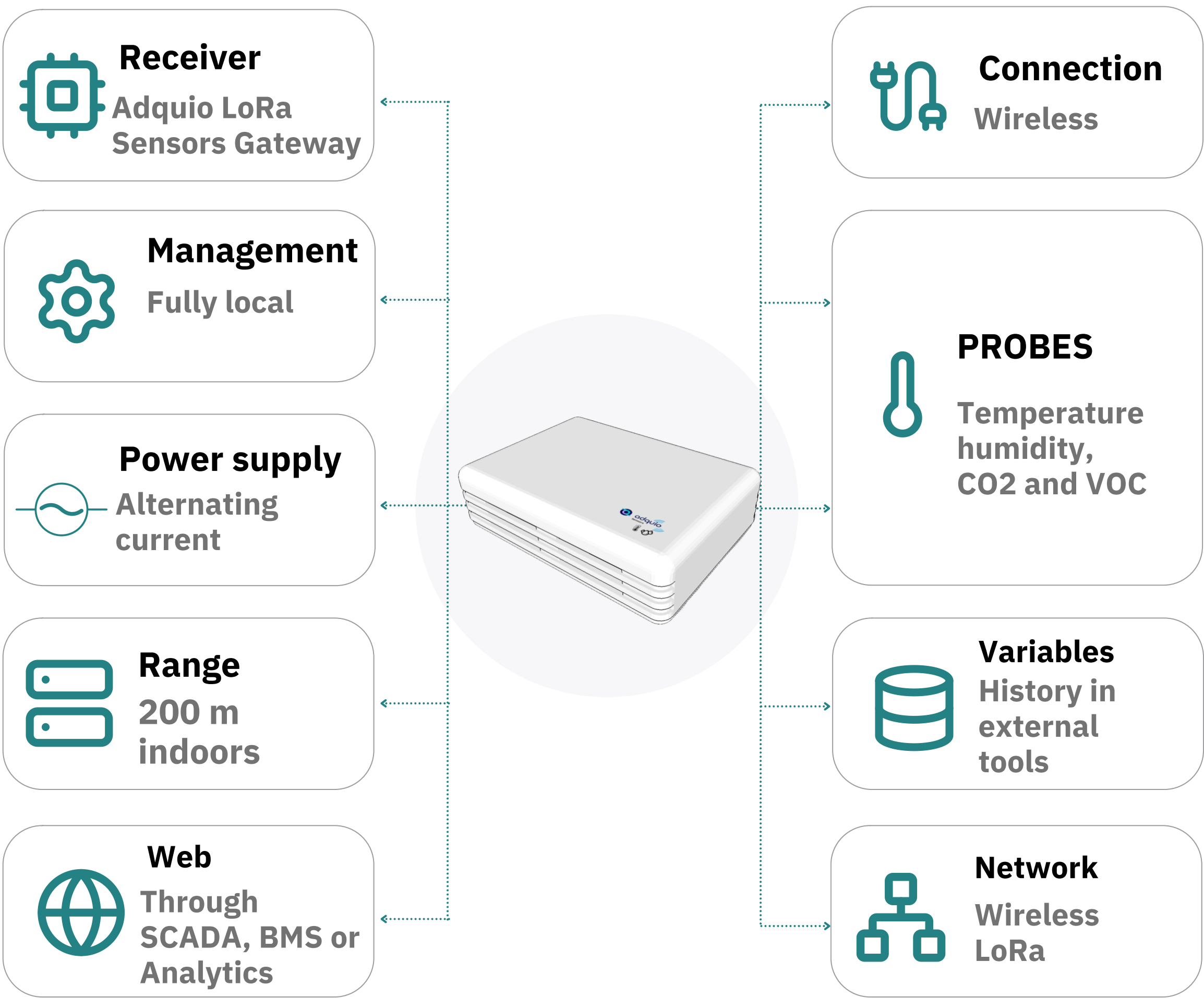


WHEN TO CHOOSE ADQUIO LORA MULTI SENSORS

Wireless probe that measures temperature, humidity, CO2 AND VOC and sends readings via LoRa to a compatible local receiver. Indoor areas where these measurements are desired without wiring communication to the probe.

- **Environmental measurement**
Measures temperature, humidity, CO2 AND VOC in the indoor environment. The readings show the conditions of the room where the probe is located and transmit them to the receiving system.
- **AC power supply**
It supports a wide range from 110 to 250V, at both 50 and 60 Hz. This allows it to operate unattended without battery replacement or recharging.
- **LoRa link**
Sends measurements via wireless LoRa communication. This avoids running a communication cable to each probe installed in the different rooms.
- **Receiver required**
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**
The service life of the measurement devices is more than 10 years.
- **Indoor location**
It is intended for indoor areas where temperature, humidity, CO2 and VOC are measured. It is suitable when you want to avoid wiring communication to the measurement point.

INSTALLATION INTEGRATION



FUNCTIONAL DATA

Product	ADQ-STHCV-LORA
Main function	Temperature, humidity CO2 and VOC reading
Scope	According to installation
Connection	Encrypted LoRa
Feature	LoRa transmitter
Other data	Indoor location
Powering	110 to 240V AC and 50 or 60 Hz
API	Available through Adquio controllers
Function	Environmental measurement
Integration	LoRa link
Configuration	Receiver required
Product data	Ac Powered, no bateries
Range	According to project