

Adquio LoRa Sensors Gateway

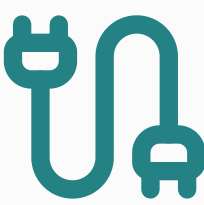
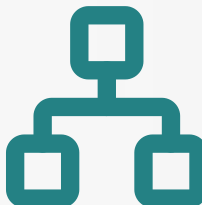
Receiver for LoRa sensors

Reference: ADQ-LORASW01
Category: ADQUIO · SENSORS

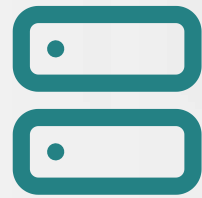
DESCRIPTION

Receives measurements from Adquio LoRa sensors and delivers them to a controller via Modbus RTU. Buildings where it is advisable to place sensors without running a communication cable to each room.

FUNCTIONS

<div>  <div> <div>LoRa reception</div> </div> </div> <p>Receives measurements from wireless Adquio LoRa sensors. Acts as a collection point for environmental data before delivering it to the installation controller.</p>	<div>  <div> <div>Modbus output</div> </div> </div> <p>Delivers measurements to the controller via Modbus RTU. Connects the wireless communication of the sensors to the bus used to integrate their data into the installation.</p>	<div>  <div> <div>Up to 30 sensors</div> </div> </div> <p>The source data sheet indicates capacity for up to 30 sensors per gateway. When defining the project, the number of measurement points collected by each receiver must be checked.</p>	<div>  <div> <div>Outdoor antenna</div> </div> </div> <p>Includes an outdoor LoRa antenna. Its placement must be considered when preparing the receiver and organizing the link with the building sensors.</p>	<div>  <div> <div>Local integration</div> </div> </div> <p>Enables the use of sensors without running a communication cable to each room. The receiver integrates with the controller to collect readings from the different zones.</p>
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FOR WHOM

<div>  <div> <div>Building managers</div> </div> </div> <p>For those responsible for collecting measurements from several rooms while avoiding a communication cable to each sensor.</p>	<div>  <div> <div>Maintenance and support</div> </div> </div> <p>For teams that review data reception and need to identify the sensors associated with the installation gateway.</p>	<div>  <div> <div>Integrators and technicians</div> </div> </div> <p>For technicians who connect LoRa sensors to a controller via Modbus RTU and organize the project's measurement points.</p>	<div>  <div> <div>Offices and spaces</div> </div> </div> <p>For spaces where wireless sensors need to be installed and their readings concentrated in a receiver connected to the controller.</p>	<div>  <div> <div>Technical installations</div> </div> </div> <p>For installations that require planning the gateway, the antenna, and the Modbus connection to each building's controller.</p>	<div>  <div> <div>Adquio projects</div> </div> </div> <p>For Adquio projects that need to link their LoRa sensors with the control system and size the required receivers.</p>
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Is this product part of your project?
Contact Adquio to prepare the right proposal.

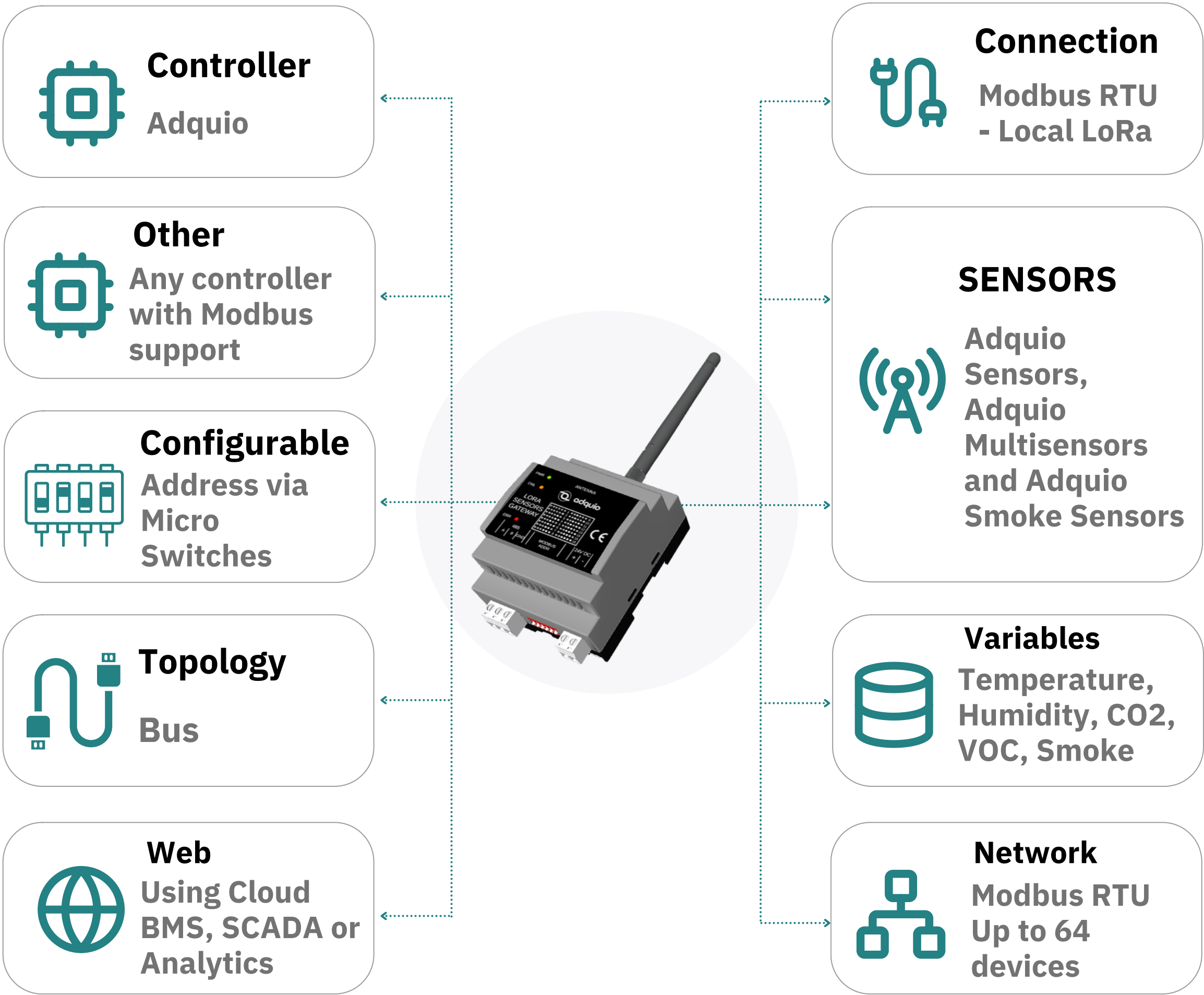


WHEN TO CHOOSE ADQUIO LORA SENSORS GATEWAY

Receives measurements from Adquio LoRa sensors and delivers them to a controller via Modbus RTU. Buildings where it is advisable to place sensors without running a communication cable to each room. Choose this receiver when:

- **You are interested in LORA technology:**
Receives measurements from wireless Adquio LoRa sensors. Acts as a collection point for environmental data before delivering it to the installation controller.
- **You need it to have an outdoor antenna**
Includes an outdoor LoRa antenna. Its placement must be considered when preparing the receiver and organizing the link with the building sensors.
- **You must integrate it via Modbus**
Delivers measurements to the controller via Modbus RTU. Connects the wireless communication of the sensors to the bus used to integrate their data into the installation.
- **You need up to 30 sensors (or more)**
The maximum reception capacity is up to 30 sensors per gateway. When defining the project, the number of measurement points collected by each receiver must be checked.
- **You need a configurable address.**
You can place several receivers together, each on a different channel; this allows you to receive an unlimited number of sensors at a single point
- **Local integration (No public repeaters)**
Enables the use of sensors without running a communication cable to each room. The receiver integrates with the controller to collect readings from the different zones.

INTEGRATION INTO THE INSTALLATION



FUNCTIONAL DATA

Reference	ADQ-LORASW01
Main function	LoRa sensor reception
Scope	According to installation
Connection	Modbus RTU
Feature	Up to 30 sensors
Other data	Local integration
Capacity / service	Outdoor LoRa antenna
API	Available with Adquio controllers
Function	LoRa reception
Integration	Modbus output
Configuration	Via micro switches, up to 64 devices per bus
Product data	Outdoor antenna
Scope	According to project



Adquio LoRa
Sensors Gateway



Product
data



Connection and
integration



Technical support

adquio.com

support@adquio.com

+34 881246255