

Adquio Sensors

Temperature and humidity



Reference: ADQ-STH-MBR
Category: ADQUIO · PROBES

DESCRIPTION

Compact probe that measures ambient temperature and humidity and sends the readings via Modbus RTU to a controller.

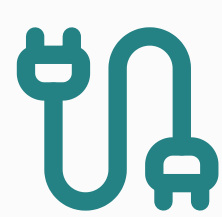
Perfect for buildings that need to check temperature and humidity in several zones and can run cabling to each one of them.

FUNCTIONS



Environmental measurement

Measures the temperature and humidity of the environment at the same point. The two readings make it possible to know the conditions in each room and compare them with those of other zones.



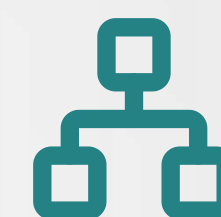
Modbus bus

Sends the readings to the controller via Modbus RTU. The bus connection makes it possible to incorporate the environmental measurements into the monitoring of the installation.



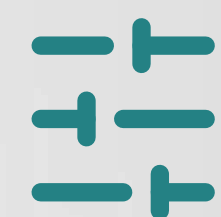
Power supply

The specified power supply is 12–24 V DC. When preparing the installation, it is advisable to plan for the power source and cabling needed by each probe in its final location.



Probe network

Allows up to 64 probes to be connected on the same bus. This capacity helps organise the collection of temperature and humidity in the different zones of the building.



Reading adjustment

The sensors are calibrated and allow adjustments via software. The technical staff can review the readings and adapt the settings to the needs of the installation.

WHO IT'S FOR



Building managers

For managers who need to know the temperature and humidity in several zones and have an overview of the building environment.



Maintenance and support

For teams that review environmental readings and need to identify which probe corresponds to each room in the installation.



Integrators and technicians

For technicians who integrate Modbus RTU probes into the controller and organise the communication bus for the different zones of the building.



Offices and spaces

For spaces where it is useful to check temperature and humidity and compare the environmental conditions of one room with another.



Technical installations

For installations with several probes that require planning the bus, the power supply and the location of each measurement point.



Adquio projects

For Adquio projects that need to add environmental readings to the controller and define the measurement points for each installation.



Is this product part of your project?

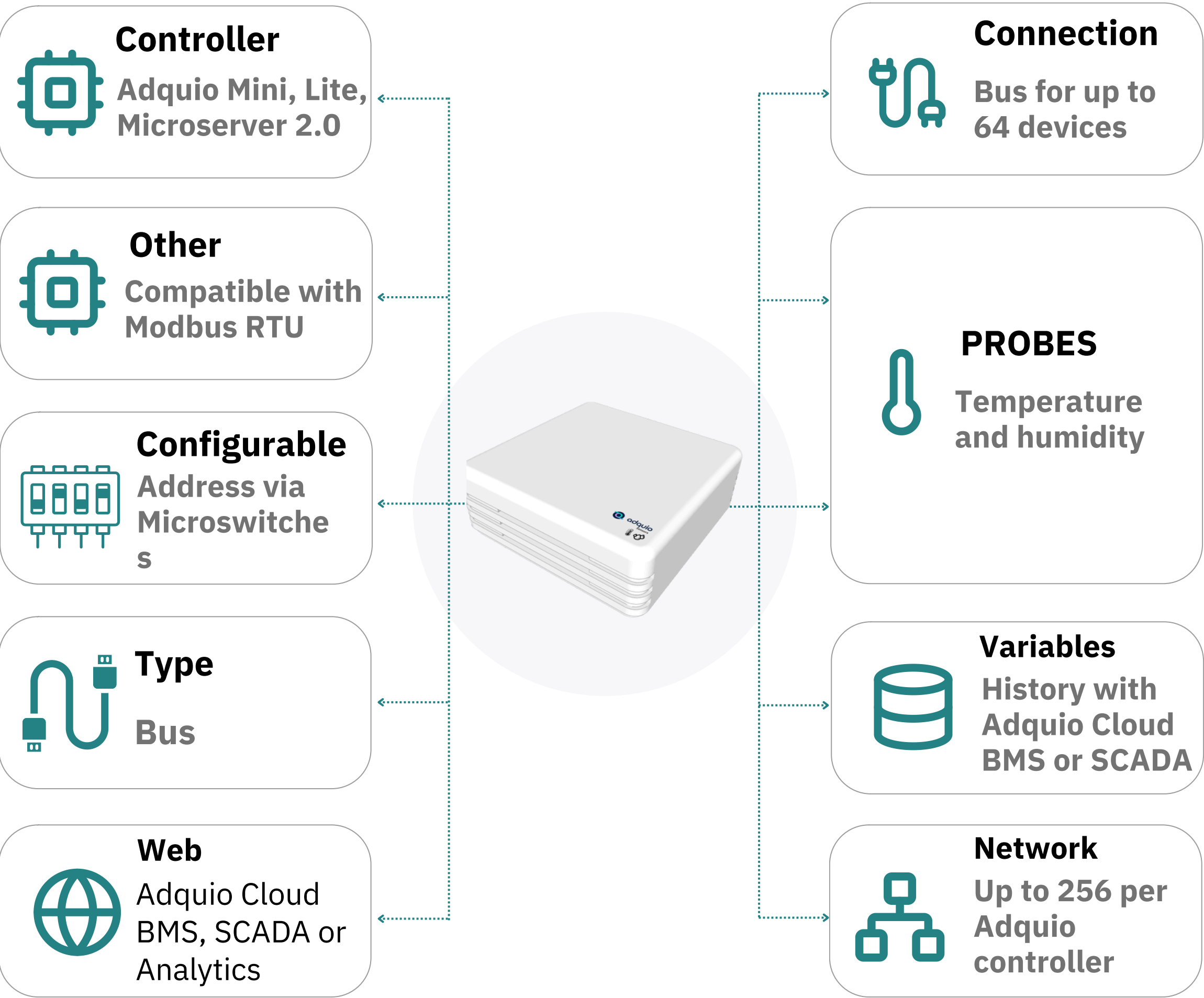
Contact Adquio to prepare the right proposal.



WHEN TO CHOOSE ADQUIO SENSORS

- Compact probe that measures ambient temperature and humidity and sends the readings via Modbus RTU to a controller. Buildings that need to check temperature and humidity in several zones.**
- **Environmental measurement**
Measures the temperature and humidity of the environment at the same point. The two readings make it possible to know the conditions in each room and compare them with those of other zones.
 - **Probe network**
Allows up to 64 probes to be connected on the same bus. This capacity helps organise the collection of temperature and humidity in the different zones of the building.
 - **Modbus bus**
Sends the readings to the controller via Modbus RTU. The bus connection makes it possible to incorporate the environmental measurements into the monitoring of the installation.
 - **Power supply**
The specified power supply is 12–24 V DC. When preparing the installation, it is advisable to plan for the power source and cabling needed by each probe in its final location.
 - **Product notes**
Consult the data for the model offered in its official datasheet.
 - **Reading adjustment**
The sensors are calibrated and allow adjustments via software. The technical staff can review the readings and adapt the settings to the needs of the installation.

INTEGRATION INTO THE INSTALLATION



FUNCTIONAL DATA

Reference	DQ-STH-MBR
Main function	Temperature and humidity reading
Scope	According to installation
Connection	Modbus RTU
Power supply	12–24 V DC
Other data	Reading adjustment
Capacity / service	Up to 64 probes per bus
API	Through Adquio controllers
Function	Environmental measurement
Integration	Modbus bus
Configuration	Modbus address with Microswitches
Product data	Probe network
Scope	According to project



Adquio Sensors



Product data



Connection and integration



Technical support

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