

## Daikin AC Domestic units to Modbus RTU Interface

## Item number: INMBSDAI001I000

The Daikin- Modbus interface allows full bidirectional communication between Daikin air conditioner domestic units and Modbus RTU (RS-485) networks. The interface acts as a server device for the installation, accessing all signals from the air conditioner unit.



🔿 Modbus RTU (EIA-485) server device The interface acts as a Modbus server device through its

Modbus RTU (EIA-485 connector) port.



## Daikin to Modbus - 1 indoor unit

## Dual configuration options

Configuration is carried out through the interface's onboard DIP switches and the Modbus interface.

## Total unit control and monitoring from Modbus RTU

Through internal variables, running hours counter (for maintenance purposes), and error indication.

### No external power required $\bigtriangledown$

The interface is powered directly from the AC unit, so no external power supply is required.

Energy savings through a window contact function This function helps minimize costs, as HVAC systems are a major building energy consumer.

AC unit control by both the remote and Modbus RTU

The AC unit can be simultaneously controlled by the manufacturer's remote controller and Modbus RTU.

## Multiple mounting options

Mounting options include DIN rail, wall, or, in some AC models, even inside the indoor unit.

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General	
Net Width (mm)	53
Net Height (mm)	58
Net Depth (mm)	93
Net Weight (g)	78
Packed Width (mm)	140
Packed Height (mm)	86
Packed Depth (mm)	110
Packed Weight (g)	216
Operating Temperature °C Min	-25
Operating Temperature °C Max	60
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Power Consumption (W)	0.72
Input Voltage (V)	12 VDC
Power Connector	Other
Configuration	ETS
Capacity	1 Indoor unit.
Installation Conditions	This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit.
AC Model Compatibility	Daikin Residential

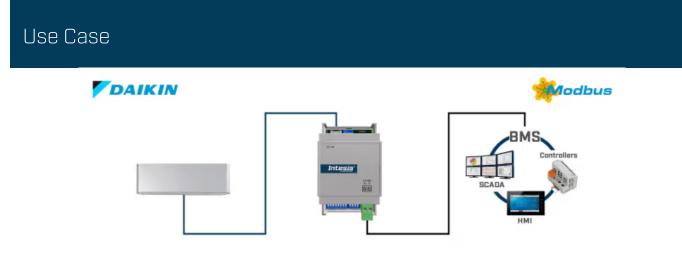


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General	
Content of Delivery	Intesis Gateway, Installation Manual, AC Connection cable.
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard
Identification and Status	
Product ID	INMBSDAI001I000
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99
Physical Features	
Connectors / Input / Output	EIA-485, HVAC port.
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration. Gateway settings.
Certifications an	d Standards
ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment





Integration example.

