

INTESISBOX MODBUS GATEWAYS FOR AIR CONDITIONERS

IntesisBox Modbus gateways for Air Conditioners offer the largest range of gateways in the market for AC system integrations. They are specially designed, in collaboration with the most prestigious AC manufacturers, to allow supervision and bidirectional control of all the parameters and functionality of Air Conditioners.

Modbus integrators can create general templates to be used on the different SCADA, BMS or EMS. Thanks to IntesisBox Modbus common register map for all the gateways, the same template can fit with all the projects and any AC brand.

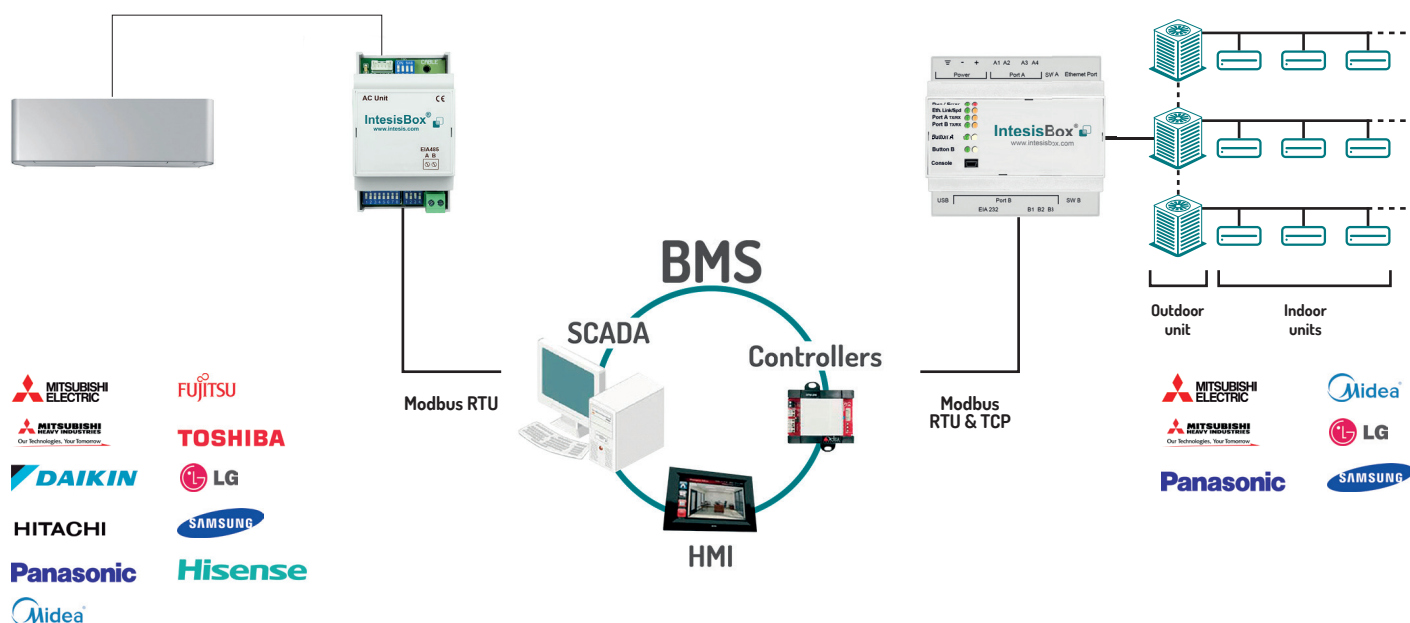
MODBUS GATEWAYS TYPES

MBS-1

The MBS-1 gateways series is a Modbus slave device that allows the control and supervision of an **individual unit**. From Modbus RTU (RS-485) networks to directly the AC unit.

MBS-XXX

The MBS-XXX gateways series is a Modbus slave device that allows the control and supervision of **multiple units**. From Modbus RTU/TCP networks to manufacturer communication BUS.



BENEFITS

- Easy installation by a direct connection to RS-485 or Ethernet* and the AC unit.
- Complete bidirectional communication and simultaneous control from Modbus and the Air Conditioner's manufacturer remote controller.
- Modbus common register map for all the gateways MBS-1 that allows the integrators to generate a unique template for all the projects shorten the integration time.
- Complete supervision and control of the AC unit functions due to the advanced integration in collaboration with the main AC manufactures.

*Only MBS-XXX

IntesisBox[®] FOR:



**ME-AC-MBS-1/
ME-AC-MBS-1-2110**
FOR: RAC,PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



ME-AC-MBS-50/100
FOR: RAC,PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



MH-RC-MBS-1
FOR: RAC,PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



MH-AC-MBS-48/128
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



DK-AC-MBS-1
FOR: RAC
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



DK-RC-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



HI-RC-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



PA-AC-MBS-1
FOR: RAC
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



PA-RC2-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



PA-AW-MBS-1
FOR: A2W
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



PA-AC-MBS-64/128
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



FJ-RC-MBS-1
FOR: PAC,RAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



MD-AC-MBS-1/4/8/32
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



TO-RC-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



LG-RC-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



LG-AW-MBS-1
FOR: A2W
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



LG-AC-MBS-4/8/32/64
FOR: RAC,PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



SM-RC-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



SM-ACN-MBS-4/8/32/64
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡



HS-RC-MBS-1
FOR: PAC,VRF
⚡ ⚡ ⚡ ⚡ ⚡ ⚡

CONFIGURATION TOOL



LinkBox



IntesisBox Maps

EXTERNAL POWER



External Power
not required



12 Vdc



9 to 24 Vdc
or 24 Vac



230 Vac

INPUTS



Binary inputs

COMMUNICATION



Indoor unit



Remote controller



Outdoor unit



Manufacturer
gateway

SIZE



Can be installed
inside or close to
the I.U.



To be installed
inside an
electrical cabin

CAPACITY



1 Indoor unit



Up to 32 Units



Up to 64 Units



Up to 100 Units



Up to 128 Units

IntesisBox[®]

Made by :

Intesis

Member of the HMS group

C/ Milà i Fontanals, 1 bis 1º, 08700 Igualada - Barcelona - Spain

+34 938 047 134 +34 938 047 135 sales@intesis.com



IntesisBox

IntesisBox

@IntesisBox

www.intesisbox.com

© 2017 Intesis Software S.L.U. All rights reserved

IntesisBox[®] is a registered trademark of Intesis Software S.L.U.

All our products are made in Europe

The information in this document is subject to change without notice.

All trademarks and tradenames used in this document are acknowledged to be the copyright of their respective holders.