IntesisBox®

KNX

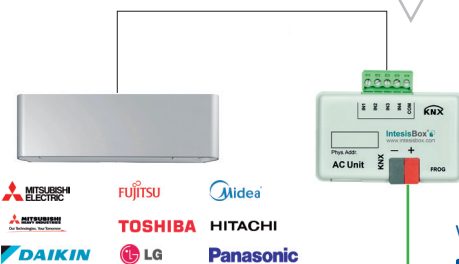## INTESISBOX KNX GATEWAYS FOR AIR CONDITIONERS

IntesisBox KNX 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.

These solutions offer a huge compatibility to all the KNX manufactures being able to be controlled from a simple KNX thermostat to advanced KNX touch panels or Apps.

KNX GATEWAYS TYPES

KNX-1

The KNX-1 gateways series is a KNX device that allows the control and supervision of an **individual AC unit**. From KNX networks to directly the AC unit.
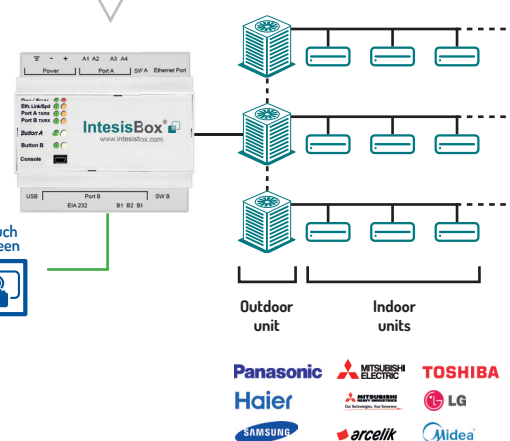
KNX-XXX

The KNX-XXX gateways series is a KNX device that allows the control and supervision of **multiple Air Conditioner units**. From KNX networks to manufacturer communication BUS.

Windows blinds | Lighting | Energy management | Alarms | HVAC | Touch screen

Outdoor unit | Indoor units

Complete compatibility list at:
www.intesisbox.com/hvac-compatibilities

KNX-1 UNIVERSAL

The KNX universal gateway is a KNX device that allows the control and supervision of an **individual AC unit via infrared** commands. From KNX networks to the AC unit via IR.
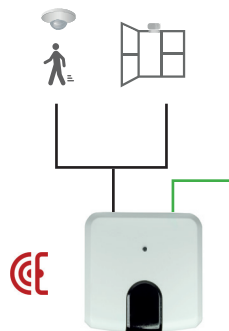
BENEFITS

- Easy installation by a direct connection to KNX bus and the AC indoor unit.

- Complete bidirectional communication and simultaneous control from KNX and the Air Conditioner's manufacturer remote controller.

- Large number of DPTs available allowing the integration with most of the KNX manufactures in the market.

- Integral supervision and control of the AC unit functions due to the advanced integration in collaboration with the main AC manufactures.

- Availability of some KNX-1 with binary inputs.

BENEFITS FOR UNIVERSAL GATEWAY

- Huge compatibility with many AC manufactures in the market.

- Due to its infrared receiver, it offers a real feedback communication with the changes made by the user.

- Flexible installation with the possibility to be installed near the AC unit or anywhere in the room.

- Built-in room temperature sensor with its corresponding DPT that makes the temperature value available for other KNX devices in the bus.

- 2 binary inputs available.

IntesisBox® FOR:

K N X

UNIVERSAL

IS-IR-KNX-1i
FOR: RAC,PAC,VRF

MITSUBISHI ELECTRIC

ME-AC-KNX-1-V2
FOR: RAC,PAC,VRF

ME-AC-KNX-1i
FOR: RAC,PAC,VRF

ME-AC-KNX-15/100
FOR: RAC,PAC,VRF

UPGRADED VERSION

MITSUBISHI HEAVY INDUSTRIES
Our Technologies, Your Tomorrow

MH-RC-KNX-1i
FOR: RAC,PAC,VRF

MH-AC-KNX-48/128
FOR: VRF

LG

LG-RC-KNX-1i
FOR: PAC,VRF

LG-AC-KNX-4/8/16/64
FOR: RAC,PAC,VRF

DAIKIN

DK-AC-KNX-1
FOR: RAC

DK-AC-KNX-1i
FOR: RAC

DK-RC-KNX-1
FOR: PAC,VRF
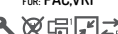
DK-RC-KNX-1i
FOR: PAC,VRF

TOSHIBA

TO-RC-KNX-1i
FOR: PAC,VRF
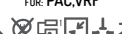
TO-AC-KNX-16/64
FOR: VRF

SAMSUNG

SM-ACN-KNX-4/8/16/64
FOR: PAC,VRF

Midea

MD-AC-KNX-1B/16/64
FOR: PAC,VRF

Panasonic

PA-AC-KNX-1i
FOR: RAC

PA-RC-KNX-1i
FOR: PAC,VRF
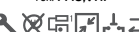
PA-RC2-KNX-1i
FOR: PAC,VRF

PA-AC-KNX-64/128
FOR: PAC,VRF

PA-AW-KNX-1
FOR: A2W

FUJITSU

FJ-RC-KNX-1i
FOR: RAC,PAC,VRF

arçelik

AK-AC-KNX-4/8/16/64
FOR: RAC,PAC,VRF

HITACHI

HI-AW-KNX-1
FOR: A2W

Haier

HA-AC-KNX-8/16/64
FOR: VRF

CONFIGURATION TOOL

- E ETS
- L LinkBox

EXTERNAL POWER

- External Power not required
- 12v 12 Vdc
- 24v 9 to 24 Vdc or 24 Vac
- 230v 230 Vac

SIZE

- Can be installed inside or close to the I.U
- To be installed inside an electrical cabin

CAPACITY

- 1 Indoor unit
- 64u Up to 64 Units
- 128u Up to 128 Units
- 64d Up to 64 Devices
- 100d Up to 100 Devices

INPUTS

- Binary inputs

COMMUNICATION

- IU Indoor unit
- OU Outdoor unit
- RC Remote controller
- IR Infrared
- MG Manufacturer gateway

IntesisBox®

Made by :

Intesis
Member of the HMS group

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