Universal IR Air Conditioner to KNX Interface

Item number: INKNXUNI001I000

The Universal InfraRed (IR)-KNX device allows total integration of any air conditioner unit (with an IR receiver) into KNX systems. Thanks to the device's capability of emitting and receiving infrared signals, the AC unit can be controlled simultaneously by KNX and the IR remote. Two binary inputs are available (for presence sensor/window contact).



Universal IR Air Conditioner to KNX Interface - 1 indoor unit

Features and benefits

- **ETS configuration**
  The interface is configured using the ETS standard configuration tool software.
- **Multiple energy efficiency functions available**
  Timeout, open window, or occupancy energy-saving functions are available to reduce energy costs.
- **Up to five scenes saved/executed from KNX**
  Up to five scenes can be saved and executed from KNX.
- **Automatic IR remote configuration via auto-learn**
  An auto-learn function is available to set the IR remote controller configuration automatically.
- **Compatible with all KNX thermostats in the market**
  All the required DPT objects to be compatible with all KNX thermostats in the market are available.
- **Built-in room temperature sensor/two binary inputs**
  The interface has an easy-to-configure built-in room temperature sensor and two binary inputs.
- **AC unit control by both remote controller and KNX**
  The AC unit can be simultaneously controlled by the manufacturer's remote controller and KNX.

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General

Net Width (mm)	88
Net Height (mm)	56
Net Depth (mm)	90
Net Weight (g)	80
Packed Width (mm)	12
Packed Height (mm)	6
Packed Depth (mm)	9
Packed Weight (g)	120
Operating Temperature °C Min	0
Operating Temperature °C Max	40
Storage Temperature °C Min	0
Storage Temperature °C Max	40
Power Consumption (W)	0.493
Input Voltage (V)	29 VDC
Power Connector	2-pole
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	Compatible with any air conditioner unit equipped with an infrared receiver.

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General

Content of Delivery	Intesis Gateway, Installation Manual, AC Connection cable.
Mounting	Wall mount
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard

Identification and Status

Product ID	INKNXUNI001I000
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

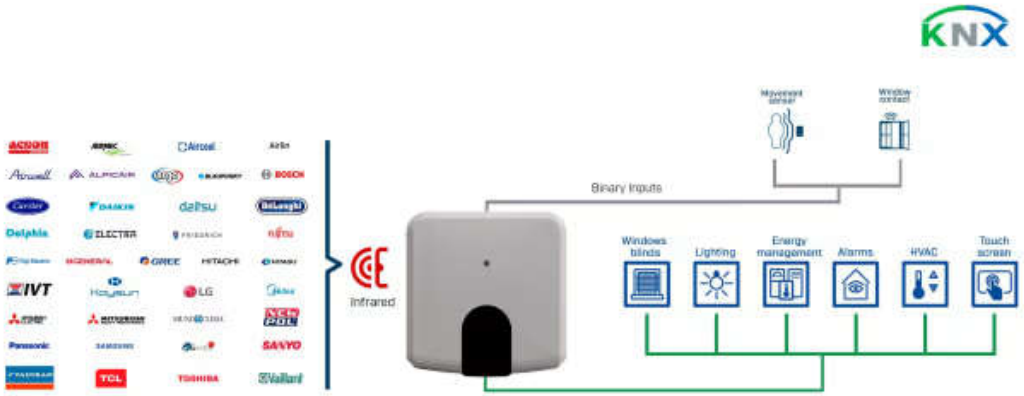
Physical Features

Connectors / Input / Output	KNX, Binary inputs (dry contact), Console por USB.
LED Indicators	KNX

Certifications and Standards

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.