

Universal IR Air Conditioner to KNX Secure

Item number: INKNXUNI001I200

The Universal IR Air Conditioner gateway enables total integration of any air conditioner unit with an IR receiver into KNX data secure 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.



Universal IR Air Conditioner gateway to KNX Secure - 1 indoor unit

Features and benefits

- ✓ **KNX Data Secure certified gateway**
Provides KNX encrypted communication and compliance with European cybersecurity standards.
- ✓ **Automatic IR remote configuration via auto-learn**
Simplifies commissioning by learning IR codes directly from the original remote control.
- ✓ **Integrated room temperature sensor**
Allows environmental control without external KNX sensors.
- ✓ **Maximize comfort with scene control**
Supports pre-configured comfort or energy-saving modes for flexible automation.
- ✓ **Universal IR compatibility and bidirectional communication**
IR emitters and receivers enable both control and feedback from the AC unit via KNX, improving reliability and system insight.
- ✓ **ETS + DCA Configuration**
Ensures fast, standard-compliant setup with familiar tools for KNX professionals.
- ✓ **Two binary inputs: Multiple energy efficiency functions**
Expands automation capabilities with support for occupancy sensors, window contacts, or any digital input to reduce the AC energy waste.
- ✓ **Optimized for retail and hospitality projects**
Enables reliable and secure AC control across multi-room or multi-zone environments, supporting all required DPT objects for compatibility with any KNX thermostat on the market.

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General	
Capacity	1 indoor unit
Net Width (mm)	60
Net Height (mm)	93
Net Depth (mm)	21
Net Weight (g)	80
Packed Width (mm)	150
Packed Height (mm)	85
Packed Depth (mm)	82
Packed Weight (g)	120
Operating Temperature °C Min	0°
Operating Temperature °C Max	60°
Input Voltage (V)	29 VDC
Power Connector	2-pole
Configuration	ETS with Dedicated Configuration App (DCA), Auto learn from original remote, or manual code selection.
Installation Conditions	Install this gateway indoors, in a restricted access location, avoiding exposure to direct solar radiation, water, high relative humidity, or dust.
AC Model Compatibility	Compatible with any air conditioner unit equipped with an infrared port.
Content of Delivery	Intesis gateway and installation manual.
Not Included (in delivery)	USB type C cable
Mounting	Wall mount



General

Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3 years

Identification and Status

Product ID	INKNXUNI001I200
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

LED Indicators	1 x external LED for device and KNX programming status
Push Buttons	1 x Push button
Contains Battery	No

Certifications and Standards

Product Certifications	CE, CB, UKPSTI, UL, KNX
WEEE Category	IT and telecommunications equipment