Haier Commercial & VRF systems to KNX Interface

Item number: INKNXHAI016C000

The Haier-KNX gateway allows bidirectional communication between Haier Commercial and VRF systems and KNX installations. This communication brings total control of the AC unit from KNX, including monitoring of the AC unit's internal variables, running hours counter (for filter maintenance control), and error codes.

Haier to KNX - 16 indoor units

Features and benefits

- **ETS configuration**
  The interface is configured using the ETS standard configuration tool software.
- **Smooth KNX thermostat integration.**
  KNX thermostats are allowed to control the AC unit via the thermostat's temperature sensor.
- **AC unit control by both remote controller and KNX**
  The AC unit can be simultaneously controlled by the manufacturer's remote controller and KNX.
- **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.
- **Total unit control and monitoring from KNX**
  Through internal variables, running hours counter (for maintenance purposes), and error indication.
- **Small footprint**
  The interface can be quickly installed inside the AC unit thanks to its reduced dimensions.

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General

Net Width (mm)	71
Net Height (mm)	71
Net Depth (mm)	27
Net Weight (g)	70
Packed Width (mm)	122
Packed Height (mm)	67
Packed Depth (mm)	93
Packed Weight (g)	127
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Power Consumption (W)	5.8
Input Voltage (V)	29 VDC
Power Connector	2-pole
Configuration	ETS
Capacity	Up to 16 indoor units.
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	Haier VRV systems

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General

Content of Delivery	Intesis gateway and installation manual.
Not Included (in delivery)	Communication cables.
Mounting	Wall mount
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard

Identification and Status

Product ID	INKNXHAI016C000
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Connectors / Input / Output	KNX, HVAC port
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration. Gateway settings.
Contains Battery	No

Certifications and Standards

ETIM Classification	EC001604
CE	Yes
CB	Yes
UKPSTI	Yes

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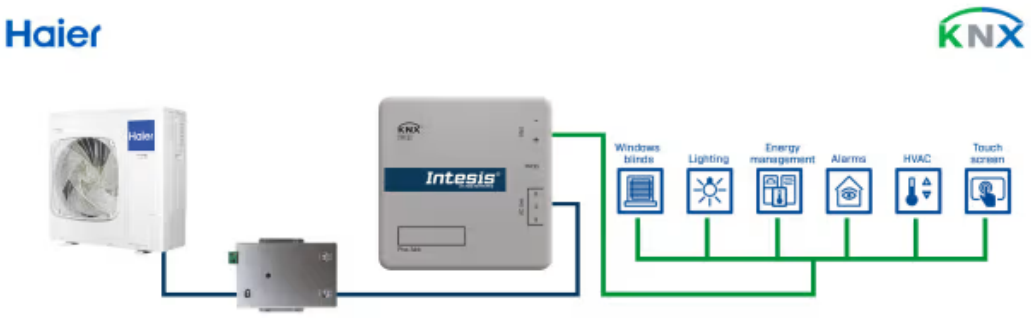
Certifications and Standards

UL	Yes
KNX	Yes
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.