# Haier Commercial & VRF systems to KNX Interface

**Item number: INKNXHAI008C000**

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 - 8 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

| | |
|---|---|
| **Capacity** | XS: Up to 8 indoor units |
| **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 |
| **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** | INKNXHAI008C000 |
| **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

| | |
|---|---|
| **CE** | Yes |
| **CB** | Yes |
| **UKPSTI** | Yes |
| **KNX** | Yes |

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## Certifications and Standards

| | |
|---|---|
| **WEEE Category** | IT and telecommunications equipment |

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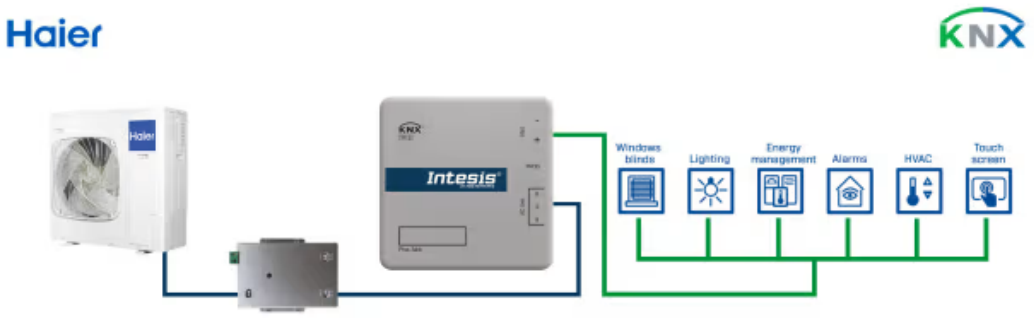
## Use Case




Integration example.