

## Hitachi Commercial & VRF systems to KNX Interface with binary inputs

Item number: INKNXHIT001R000

The Hitachi-KNX interface allows full bidirectional communication between Hitachi Commercial & VRF systems and KNX installations. It has four potential-free binary inputs to integrate external devices (such as window contacts or presence detectors), with the corresponding internal functions available to help improve energy efficiency.



*Hitachi to KNX - 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.
- ✓ **Total unit control and monitoring from KNX**  
Through internal variables, running hours counter (for maintenance purposes), and error indication.
- ✓ **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.
- ✓ **Smooth KNX thermostat integration**  
KNX thermostats are allowed to control the AC unit via the thermostat's temperature sensor.
- ✓ **Up to five scenes saved/executed from KNX**  
Up to five scenes can be saved and executed from KNX.
- ✓ **Compact dimensions, allowing inside installation**  
The interface can be quickly installed inside the AC unit thanks to its reduced dimensions.

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| General                      |  |
|------------------------------|--|
| Net Width (mm)               | 106  |
| Net Height (mm)              | 58   |
| Net Depth (mm)               | 90   |
| Net Weight (g)               | 80   |
| Operating Temperature °C Min | 0  |
| Operating Temperature °C Max | 60   |
| Input Voltage (V)            | From the AC unit.  |
| Power Connector              | Other  |
| 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. |
| 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                   | INKNXHIT001R000  |
| Country of Origin            | Spain  |
| HS Code                      | 8517620000   |

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## Identification and Status

|  |                        |
|--|------------------------|
| <b>Export Control Classification Number (ECCN)</b> | EAR99                  |
| <b>Supply Risk Factor ERP</b>                      | Volume not defined yet |
| <b>Purchasing Multiple ERP</b>                     | 1                      |

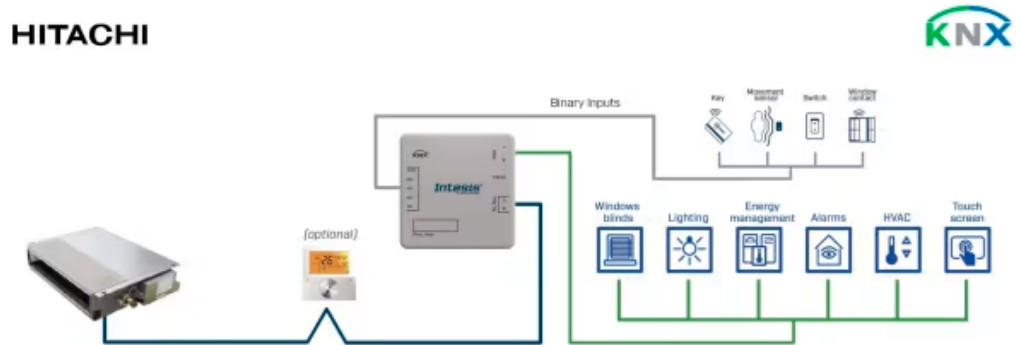
## Certifications and Standards

|                            |                                     |
|----------------------------|-------------------------------------|
| <b>ETIM Classification</b> | EC001604                            |
| <b>WEEE Category</b>       | IT and telecommunications equipment |

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## Use Case



Integration example.