# Midea Commercial & VRF systems to KNX Interface




**Item number: INKNXMID001I000**

The Midea-KNX interface allows full bidirectional communication between Midea Commercial and VRF systems and KNX installations. It connects directly to the indoor unit and delivers complete interoperability with KNX.

*Midea to KNX - 1 indoor unit*

## 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.
- **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)** | 71 |
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| **Net Depth (mm)** | 27 |
| **Net Weight (g)** | 80 |
| **Packed Width (mm)** | 12 |
| **Packed Height (mm)** | 6 |
| **Packed Depth (mm)** | 9 |
| **Packed Weight (g)** | 100 |
| **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** | 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** | Midea Commercial & VRF systems |

# Midea Commercial & VRF systems to KNX Interface



## General

| | |
|---|---|
| **Housing Materials** | Plastic |
| **Warranty (years)** | 3 years |
| **Packaging Material** | Cardboard |

## Identification and Status

| | |
|---|---|
| **Product ID** | INKNXMID001I000 |
| **Country of Origin** | Spain |
| **HS Code** | 8517620000 |
| **Export Control Classification Number (ECCN)** | EAR99 |

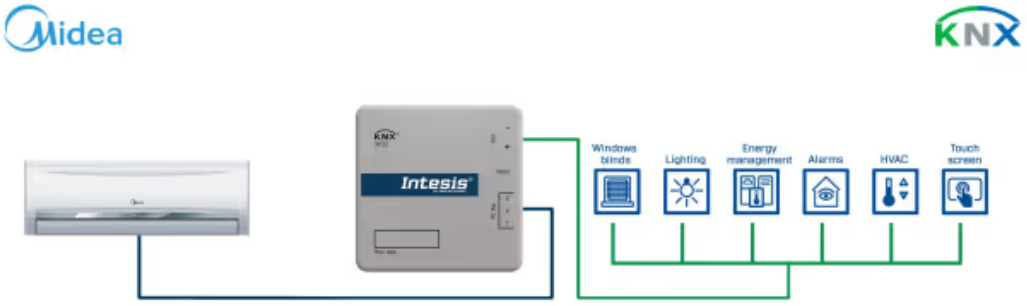
## Physical Features

| | |
|---|---|
| **Connectors / Input / Output** | KNX, HVAC port. |
| **LED Indicators** | KNX |

## Certifications and Standards

| | |
|---|---|
| **ETIM Classification** | EC001604 |
| **WEEE Category** | IT and telecommunications equipment |

## Use Case




Integration example.