# Hisense VRF systems to Home Automation Application

**Item number: IN770AIR00MO000**

This gateway allows the integration of Hisense VRF systems into Control4, ELAN, and other IP-based home automation platforms. A single gateway can integrate up to 64 indoor units.

*Hisense to Home Automation - up to 64 indoor units*

## Features and benefits

**Compatible with leading home automation platforms**

Avoid compatibility issues. Find the driver for your project in the “Support and downloads” section.

**HVAC bus scanning function**

Accelerate commissioning and avoid manual mapping errors by automatically discovering and importing all units, including their variables.

**Multiple TCP client sockets**

Maximize the system's versatility by allowing connections from up to 6 TCP clients at the same time.

**Configuration using Intesis MAPS**

Reduce configuration time by importing and reusing preset templates.

**Easy integration into the Control4 system**

Save time and costs while avoiding configuration errors: the Control4 driver is free of charge and implements Control4 SDDP.

**Connection to the outdoor unit**

Avoid complex and expensive wiring: one gateway connected to a single outdoor unit enables individualized control of its indoor units.

**Dedicated signals for error monitoring**

Quickly realize what’s wrong and prevent HVAC system downtime.

**Designed in collaboration with Hisense and certified by UL**

Ensure reliability in professional building automation environments.

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## General

| | |
|---|---|
| **Capacity** | M: Up to 64 indoor units |
| **Net Width (mm)** | 106 |
| **Net Height (mm)** | 90 |
| **Net Depth (mm)** | 58 |
| **Net Weight (g)** | 194 |
| **Packed Width (mm)** | 125 |
| **Packed Height (mm)** | 85 |
| **Packed Depth (mm)** | 140 |
| **Packed Weight (g)** | 356 |
| **Operating Temperature °C Min** | 0º |
| **Operating Temperature °C Max** | 60º |
| **Storage Temperature °C Min** | -30 |
| **Storage Temperature °C Max** | 60 |
| **Power Consumption (W)** | 3 |
| **Input Voltage (V)** | For DC: 12 .. 36 VDC ±10%, Max: 250 mA For AC: 24 VAC ±10 %, 50-60 Hz, Max: 127 mA Recommended voltage: 24 VDC, Max: 127 mA |
| **Power Connector** | 3-pole |
| **Configuration** | Intesis MAPS |
| **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. |

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| | |
|---|---|
| **Not Included (in delivery)** | Power supply and USB cable not included. |
| **Mounting** | DIN rail mount (bracket included), Wall mount |
| **Housing Materials** | Plastic |
| **Warranty (years)** | 3 years |
| **Packaging Material** | Cardboard |

## Identification and Status

| | |
|---|---|
| **Product ID** | IN770AIR00MO000_WMP_HIS |
| **Country of Origin** | Spain |
| **HS Code** | 8517620000 |
| **Dual Usage** | No |

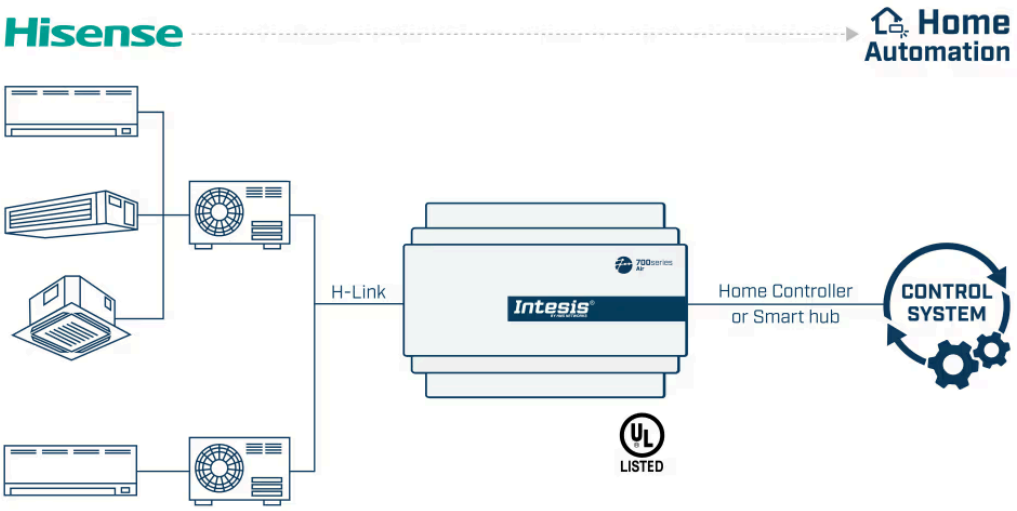
## Physical Features

| | |
|---|---|
| **Connectors / Input / Output** | Power supply, EIA-485, KNX, Ethernet, HVAC port, Binary inputs (dry contact), Console port USB. |
| **LED Indicators** | Gateway and communication status. |
| **Push Buttons** | Factory reset. I-Am message (for BACnet only). Normal mode/programming mode switch (for KNX only). |
| **DIP & Rotary Switches** | EIA-485 serial port configuration. |
| **Contains Battery** | No |

## Certifications and Standards

| | |
|---|---|
| **Product Certifications** | CE, CB, UKPSTI, UL |
| **WEEE Category** | IT and telecommunications equipment |

## Use Case




Integration example.

Use Intesis MAPS to change the protocol: BACnet, Modbus, KNX, MQTT, or Home Automation