Hitachi VRF systems to Home Automation Application

Item number: IN770AIR00SO000

This gateway allows the integration of Hitachi VRF systems into Control4, ELAN, and other IP-based home automation platforms. A single gateway can integrate up to 16 indoor units.

Hitachi to Home Automation - up to 16 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 Hitachi and certified by UL

Ensure reliability in professional building automation environments.

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General

Capacity	S: Up to 16 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.
AC Model Compatibility	This gateway is compatible with any Hitachi VRF unit communicating through the H-Link network.

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General

Content of Delivery	Intesis gateway and installation manual.
Not Included (in delivery)	Power supply 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	IN770AIR00SO000_WMP_HIT
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No

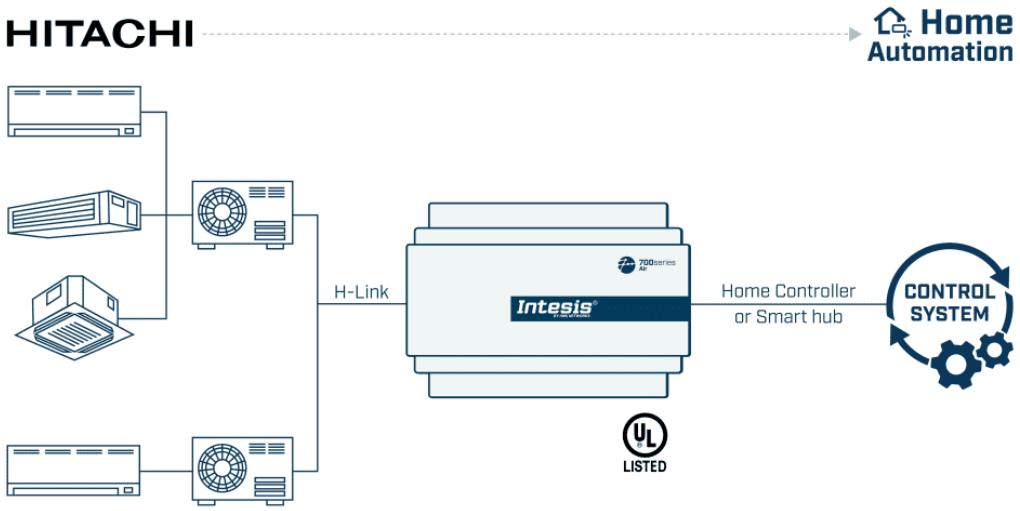
Physical Features

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

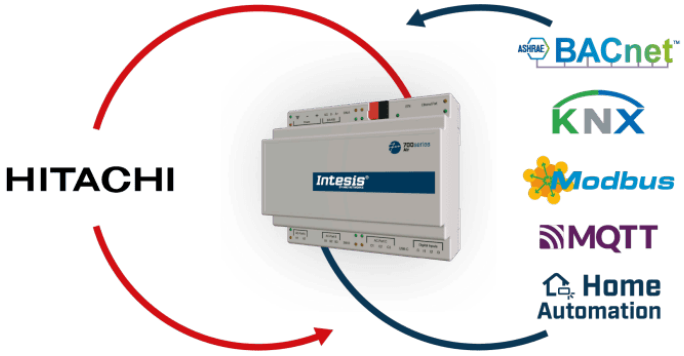
Certifications and Standards

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