



Hitachi VRF systems to BACnet MS/TP interface

The Hitachi-BACnet gateway allows fully bi-directional communication between Hitachi VRF units and BACnet MS/TP networks.

FEATURES

- BTL mark ensures full interoperability with BACnet devices.
- Support only BACnet MS/TP.
- Configuration from onboard DIP-switches.
- Quick and easy installation (plug and set the DP-SW).
- External power not required.
- Simultaneous control of the AC unit by the manufacturer's remote controller and BACnet MS/TP.
- Reduced dimensions 93 x 53 x 58 mm.
- Mountable on DIN rail, wall, or even inside the indoor unit in some models of AC.
- Abstraction of Air Conditioning unit properties and functionalities as fixed BACnet Objects.
- Occupancy function allows energy savings. Costs related to HVAC systems in a building are one of the highest and this type of functions allow to reduce them.
- Total control and monitoring of the AC unit from BACnet, including AC unit's internal variables, running hours counter (for filter maintenance control) and error indication.



Use Case

Integration of Hitachi Commercial & VRF systems into a BACnet MS/TP Interface.

HITACHI

BACnet BTL



Description

DIRECT CONNECTION TO INDOOR UNITS

The gateway is wired directly to the indoor unit. This allows not only the control of the main AC functions such as operating mode, fan speed, temperature setpoint...but the monitoring of errors, alarms and some internal variables.

FAST AND EASY TO SET UP BY DIP-SW

The product can be installed and set up in a really short time. It's only a matter of wiring the gateway to the AC unit and configure the DIP-switches accordingly. No configuration software and no power supply are required.

Technical Documentation

| | | |
|-------------------------------|---|----------|
| User Manual | General information about this product | Download |
| Installation Manual | Learn how to install the device in your project | Download |
| EDE | Download EDE file | Download |
| HVAC Compatibility tool | Find the appropriate solution for your HVAC integration | Open |
| HVAC Compatibility | Check your HVAC compatibility | Download |
| BTL Certification | Check the product certification | Download |
| EC Declaration of Conformity | Check the product certification | Download |
| Tender Specification Document | Product details for tender submittal | Download |

Commercial Documentation

| | | |
|---------------------|--|----------|
| Marketing Datasheet | Discover all the integration solutions for Hitachi | Download |
| Intesis Brochure | Know more about the Intesis current available products | Download |

HVAC Compatibility

Ensure the compatibility of this gateway with your AC model by visiting <https://compatibility.intesis.com/>

Compatible AC models

RPK - FSN2M | RPK - FSN3M | RPK - FSNH2M | RPK - FSNH3M | RCIM - FSN2E | RCIM - FSN3 | RCIM - FSN4 | RCI - FSN2E | RCI - FSN3 | RCI - FSN3E | RCI - FSN3Ei | RCI - FSN3EK | RCI - FSN4 | RCD - FSN2 | RCD - FSN2E | RCD 4.0 FSN3 | RPC - FSN2E | RPC - FSN3 | RPC - FSN3E | RPIM - FSN2E | RPIM - FSN3E | RPIM - FSN4E | RPI - FSN2E | RPI - FSN3E | RPI - FSN4E | RPI - FSN2E | RPI 2- FSN3E | RPI - FSN4E | RPI - FSN2E | RPI - FSN3E | RPI - FSN4E | RPI - FSN5E | RPF - FSN2E | RPI - FSN2E

* The asterisks stand for any character in the asterisk' position.

| File | Version | Size | Read online |
|------|---------|------|-------------|
|------|---------|------|-------------|

ORDER CODE:

| | |
|-----------------|---|
| IN485HIT001R000 | Hitachi VRF systems to BACnet MS/TP interface |
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INCLUDED COMPONENTS:

- Intesis Gateway.
- Installation Manual.

Warranty: 36 months.

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