



Daikin AC Domestic units to BACnet MS/TP Interface

The Daikin-BACnet gateway allows fully bi-directional communication between Daikin Domestic Air Conditioner 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.

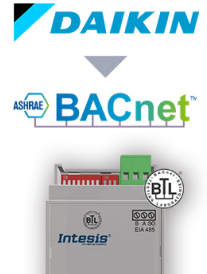
Reduced dimensions 93 x 53 x 58 mm.

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.

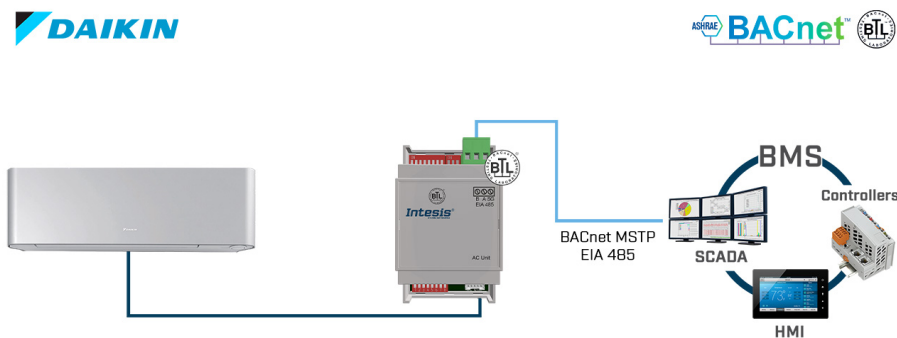
Occupancy function allows energy savings. Costs related to HVAC systems in a building are one of the highest and this type of functions allow to reduce them.

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 Daikin Domestic lines into a BACnet installation.



Description

DIRECT CONNECTION TO INDOOR UNITS

The gateway is wired directly to a Daikin 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.

EASY 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-SW 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 |
| 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 Daikin | 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

FTXR - E*** | FTXZ - N*** | CTXU - G*** | FTXG - C/E/J/L*** | FTXJ - L/M/MS/MW*** | CTXG50E/J*** | ATX50E*** | ATX - JV*** | ATX - KV*** | ATX - J/J2/J3/K*** | ATXL - JV/J2V*** | ATXM - M*** | ATXP - KV*** | ATXS - C/D/E/G*** | ATXS - K*** | ATXS - K*** | ATXS - KV*** | ATKS - C/D/E*** | ATXG - C/E*** | CTXA15A*** | CTXA - AW/AS/AT | CTXM15M*** | CTXS - K*** | CTXS - LVJU | CTXS - L*** | FT - FVM | FTDK - FV/GV*** | FTK - GV/JV*** | FTK - GV*** | FTK - NMVJU | FTK - N*** | FTKD - B*** | FTKD - BVMA | FTKD - BVMS | FTKD - BVMT | FTKD - D*** | FTKD - GV*** | FTKE - BVM | FTKE - BVMA | FTKN - NMVJU | FTKN - N*** | FTKS - B/C/D/E/F/G/H/J/K/L*** | FTN - E/F*** | FTS - B*** | FTYS - BVMS | FTX - GV/JV/J2/J3/K*** | FTX - GV*** | FTX - K*** | FTX - KV*** | FTX - LVMA | FTX - NMVJU | FTX - N*** | FTXA - A*** | FTXA - AW/AS/AT | FTXB - C*** | FTXC - B | FTXD - B*** | FTXD - B*** | FTXD - D*** | FTXD - JV*** | FTXG - L*** | FTXJ - PVMA*** | FTXL - G*** | FTXL - JV/J2V*** | FTXLS - K/K3*** | FTXM - K*** | FTXM - K*** | FTXM - M*** | FTXM - RVMZ | FTXN - NMVJU | FTXP - KV*** | FTXS - B/C/D/E/F/G/H/J*** | FTXS - G*** | FTXS - K*** | FTXS - K*** | FTXS - LVJU | FTXS - L*** | FTYN - E/F*** | FVKS - B*** | FVXG - K*** | FVXM - F*** | FVXS - B/F*** | FVXS - NVJU | FVXS - N*** | FLX - A*** | FLXS - B/GV*** | FLK - A*** | FLKS - B*** | FVXS - B*** | CDKD - C*** | CDXS - C*** | CDXS - EAVMA | CDXS - E*** | FDKS - CVMA | FDKS - C/E*** | FDXS - C/E/L*** | FDXS - L*** | CTXG - QVJIJW | CTXG - QVJU(W/S) | CTXS - JVJU | CTXS - GVJU | CTXS - HVJU | CTXS - LVJU | CTXS - K | FTKN - JEVJU | FTXN - JEVJU | FTXN - KEVJU | FTXN - KVJU | FTXS - DVJU | FTXS - HVJU | FTXS - HVJU | FTXS - LVJU | FTXS - LVJU | FVXS - NVJU | CDXS - LVJU | FDXS - DVJU | FDXS - LVJU | CDXS - BVM | FT - JV1A | FT - GAVEA | FTKD - BVM | FTY - GAV1A | FTXE - BVMA | FTXE - BVM | FLX50AVMA | FLX60AVMA | FTKD - F*** | FTKE - G*** | FTKS - D*** | FTKS - E*** | FTKS50B*** | FTKS - G*** | FTKS - F*** | FTKS71H*** | FTN - J*** | FTXS - E*** | FTXS - F*** | CDKD - EAVM | CDKD - CVM | FDKS - EAVMB | FDKS - CAVMB | FTXM - QVMA | FTXM - QVMA | FTKM - QVMA | FTKM - QVMA | FTKM33NV2S | FTKM - SV2S | FTKM18SV2S | FTXM - PVMA | FTKM - PVMK | FTKXM - PVMK | FTXZ - NV1B | FTXJ - PVMAW | FTXJ - PVMAS

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

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

ORDER CODE:

| | |
|-----------------|---|
| IN485DAI001I000 | Daikin AC Domestic units to BACnet MS/TP Interface - 1 unit |
|-----------------|---|

→ For older version, please click here to find the documentation

INCLUDED COMPONENTS:

Intesis Gateway.

Installation Manual.

AC Connection cable.

Warranty: 36 months.

Copyright © 2020 HMS Industrial Networks - All rights reserved.