



NIBE heat pumps to BACnet/IP & MS/TP

Item number: IN790NIB100A000

This gateway enables full monitoring and control of NIBE heat pumps from BACnet/IP and BACnet MS/TP building management systems.



NIBE heat pumps to BACnet - up to 5 units and 100 points

Features and benefits

- ✓ **For both BACnet/IP and BACnet MS/TP**
Ensure compatibility with IP networks and legacy RS-485 BMS installations.
- ✓ **High capacity and system compatibility**
Integrate up to five heat pumps, including mixed models and different energy sources (air-source and ground-source).
- ✓ **Designed in collaboration with NIBE and certified by UL and BTL**
Ensure reliability in professional building automation environments.
- ✓ **Advanced BACnet functionality**
Use trend logs, calendars, schedules, and other BACnet services.
- ✓ **Preconfigured templates**
Eliminate manual mapping to reduce engineering time and configuration errors.
- ✓ **Specific signals for NIBE accessories**
Include connected accessories in your project, such as pool heating, 4-pipe cooling, photovoltaic systems, and multi-climate control.
- ✓ **Customizable extra signals**
Add up to five specific signals to cover custom integration requirements.
- ✓ **Error and runtime monitoring**
Prevent system downtime and extend the overall lifespan of the NIBE system.



General	
Capacity	Up to 100 points
Net Width (mm)	88
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	127
Packed Height (mm)	86
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	-10
Operating Temperature °C Max	60
Power Consumption (W)	1.7
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 product is compatible with ground- and air-source NIBE systems, with a capacity of up to five NIBE units and 100 communication registers.
Content of Delivery	Intesis Gateway, Installation Manual, USB Configuration cable.
Not Included (in delivery)	Power supply not included.
Housing Materials	Plastic
Packaging Material	Cardboard



General

Warranty (years)	3 years
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Identification and Status

Product ID	IN790NIB100A000_BAC_NIB
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HS Code	8517620000
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Export Control Classification Number (ECCN)	EAR99
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Physical Features

LED Indicators	Gateway and communication status.
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Push Buttons	Factory reset.
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Contains Battery	Yes
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Certifications and Standards

CE	Yes
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CB	Yes
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UKPSTI	Yes
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UL	Yes
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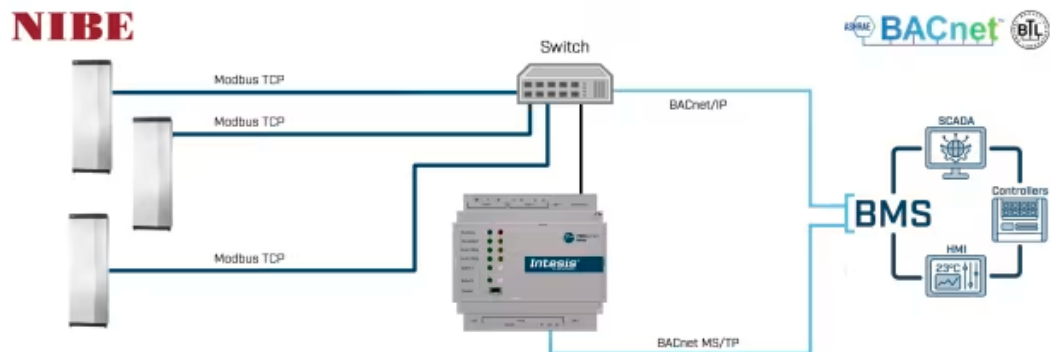
KC	Yes
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BTL	Yes
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WEEE Category	IT and telecommunications equipment
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Use Case



Integration example.



Use Intesis MAPS to select the BMS protocol: BACnet, or KNX.