

Panasonic Etherea AC units to BACnet/IP & MS/TP Interface

Item number: INBACPAN0011000

The Panasonic-BACnet interface allows full bidirectional communication between Panasonic Etherea Air Conditioner units and BACnet/IP or MS/TP networks. The interface enables BACnet communication via polling or subscription requests (COV), making the indoor unit available through independent BACnet objects.



Panasonic to BACnet/IP & MS/TP - 1 indoor unit

Features and benefits	
Support for BACnet/IP and BACnet MS/TP	Configuration from onboard DIP switches
BACnet/IP (via Ethernet) or BACnet MS/TP (via EIA-485)	The interface configuration is carried out directly through
connection options are supported.	its onboard DIP switches.
IP settings available via a web interface A configuration tool is available via a web interface with IP settings and more information.	 AC unit data served as fixed BACnet Objects Air conditioning unit properties and functionalities are abstracted into fixed BACnet Objects.
Occupancy function to allow energy savings	Total unit control and monitoring from BACnet
Occupancy function that helps reduce costs, as HVAC	Through internal variables, running hours counter (for
systems are one of the main energy consumers.	maintenance purposes), and error indication.
AC unit control by remote and BACnet/IP or MS/TP	No external power required
The AC unit can simultaneously be controlled via BACnet/IP	The interface is powered directly from the AC unit, so no
or MS/TP and its own remote controller.	external power supply is required.



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General	
Net Width (mm)	53
Net Height (mm)	58
Net Depth (mm)	93
Net Weight (g)	97
Packed Width (mm)	140
Packed Height (mm)	86
Packed Depth (mm)	110
Packed Weight (g)	235
Operating Temperature °C Min	0
Operating Temperature °C Max	40
Storage Temperature °C Min	0
Storage Temperature °C Max	40
Power Consumption (W)	0.72
Input Voltage (V)	12 VDC
Power Connector	Other
Configuration	Web Server
Capacity	1 Indoor unit.
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	Panasonic Etherea



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General		
Content of Delivery	Intesis Gateway, Installation Manual, AC Connection cable.	
Mounting	DIN rail mount (bracket included), Wall mount	
Housing Materials	Plastic	
Warranty (years)	3 years	
Packaging Material	Cardboard	
Identification and	d Status	
Product ID	INBACPAN001I000	
Country of Origin	Spain	
HS Code	8517620000	
Dual Usage	No	
Export Control Classification Number (ECCN)	EAR99	
Physical Features		
Connectors / Input / Output	EIA-485, Ethernet, HVAC port, Console port USB.	
LED Indicators	Gateway and communication status.	
DIP & Rotary Switches	EIA-485 serial port configuration. Gateway settings.	
Contains Battery	No	
Certifications and Standards		
DIP & Rotary Switches Contains Battery	EIA-485 serial port configuration. Gateway settings.	

ETIM Classification	EC001604
CE	Yes
СВ	Yes
UL	Yes
BTL	Yes



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Certifications and Standards

WEEE Category

IT and telecommunications equipment

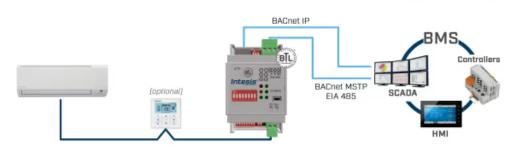




Use Case

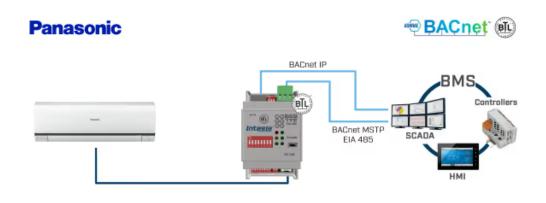
Panasonic





*BACnet IP or BACnet MSTP communication selectable from switch configuration.

Integration example.



*BACnet IP or BACnet MSTP communication selectable from switch configuration.

