

## Mitsubishi Electric Domestic, Mr.Slim and City Multi to BACnet MS/TP Interface

Item number: IN485MIT001I000

The Mitsubishi Electric-BACnet interface allows full bidirectional communication between Mitsubishi Electric domestic, Mr. Slim, and City Multi air conditioner units and BACnet MS/TP networks. The interface enables BACnet communication via polling or subscription requests (COV), making the indoor unit available through independent BACnet objects.

*Mitsubishi Electric Domestic to BACnet MS/TP - 1 indoor unit*

### Features and benefits

- ✓ **BACnet MS/TP support only**  
Only the BACnet MS/TP protocol is supported.
- ✓ **AC unit data served as fixed BACnet Objects**  
Air conditioning unit properties and functionalities are abstracted into fixed BACnet Objects.
- ✓ **Total unit control and monitoring from BACnet**  
Through internal variables, running hours counter (for maintenance purposes), and error indication.
- ✓ **AC unit control by remote and BACnet MS/TP**  
The AC unit can simultaneously be controlled via BACnet MS/TP and its own remote controller.
- ✓ **Configuration from onboard DIP switches**  
The interface configuration is carried out directly through its onboard DIP switches.
- ✓ **Occupancy function to allow energy savings**  
Occupancy function that helps reduce costs, as HVAC systems are one of the main energy consumers.
- ✓ **Supports silent mode**  
The interface supports silent mode, allowing for the AC unit's quiet operation.
- ✓ **No external power required**  
The interface is powered directly from the AC unit, so no 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)	180
Packed Width (mm)	64
Packed Height (mm)	92
Packed Depth (mm)	120
Packed Weight (g)	240
Operating Temperature °C Min	0
Operating Temperature °C Max	70
Storage Temperature °C Min	0
Storage Temperature °C Max	70
Power Consumption (W)	1.02
Input Voltage (V)	12 VDC
Power Connector	Other
Configuration	Dip-switches
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	Mitsubishi Electric Air Conditioning

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## General

<b>Content of Delivery</b>	Intesis Gateway, Installation Manual, AC Connection cable.
<b>Mounting</b>	DIN rail mount (bracket included), Wall mount
<b>Housing Materials</b>	Plastic
<b>Warranty (years)</b>	3 years
<b>Packaging Material</b>	Cardboard

## Identification and Status

<b>Product ID</b>	IN485MIT001I000
<b>Country of Origin</b>	Spain
<b>HS Code</b>	8517620000
<b>Export Control Classification Number (ECCN)</b>	EAR99

## Physical Features

<b>Connectors / Input / Output</b>	EIA-485, HVAC port.
<b>LED Indicators</b>	Gateway and communication status.
<b>DIP &amp; Rotary Switches</b>	EIA-485 serial port configuration. Gateway settings.

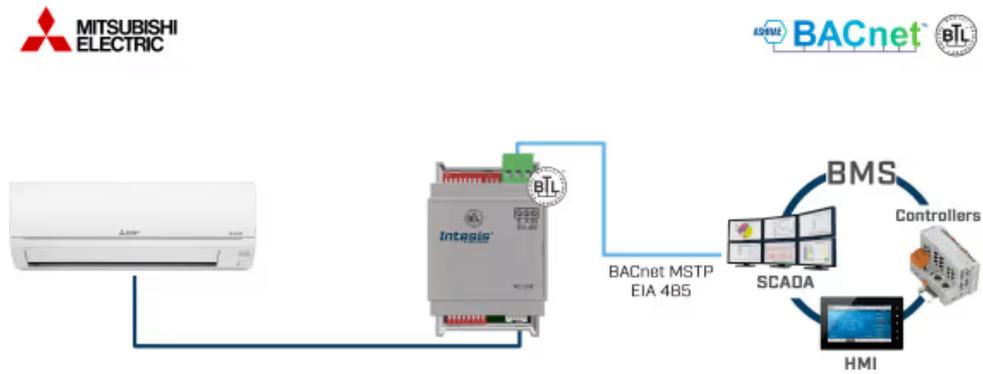
## Certifications and Standards

<b>ETIM Classification</b>	EC001604
<b>WEEE Category</b>	IT and telecommunications equipment

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## Use Case



Integration example.