

Samsung NASA units to BACnet MS/TP Interface

Item number: INBACSAM001R100

The Samsung BACnet interface allows full bidirectional communication between Samsung NASA air conditioner indoor units and BACnet MS/TP networks. It enables BACnet communication via polling or subscription requests (COV), making the indoor unit available through independent BACnet objects. A wired remote controller can also be connected.



Samsung 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.
- ✓ **No external power required**
The interface is powered directly from the AC unit, so no external power supply is required.
- ✓ **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.
- ✓ **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.

Samsung NASA units to BACnet MS/TP Interface



General	
Capacity	1 indoor unit
Net Width (mm)	53
Net Height (mm)	93
Net Depth (mm)	58
Net Weight (g)	90
Packed Width (mm)	135
Packed Height (mm)	85
Packed Depth (mm)	100
Packed Weight (g)	130
Operating Temperature °C Min	0°
Operating Temperature °C Max	60°
Storage Temperature °C Min	-20
Storage Temperature °C Max	85
Power Consumption (W)	1.02
Configuration	Dip-switches
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	Samsung NASA systems
Content of Delivery	Intesis gateway and installation manual.
Housing Materials	Plastic

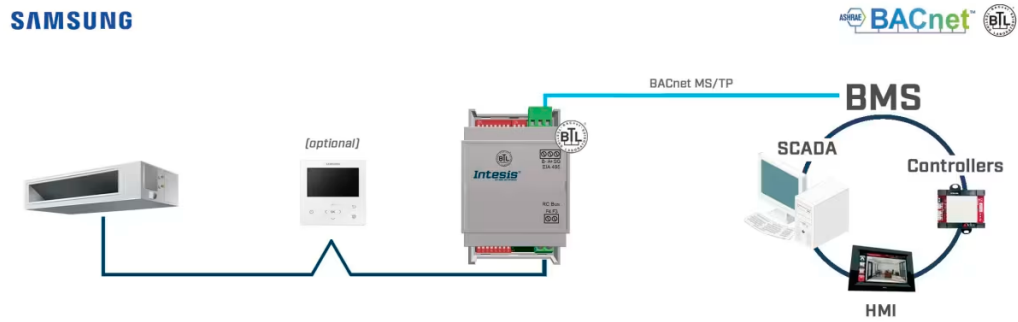
Samsung NASA units to BACnet MS/TP Interface



General	
Warranty (years)	3 years
Packaging Material	Cardboard
Identification and Status	
Product ID	INBACSAM001R100
Successor	IN485SAM001R000_BAC_SAM
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Physical Features	
LED Indicators	Gateway and communication status.
Contains Battery	No
Certifications and Standards	
Product Certifications	CE, CB, UL, BTL
WEEE Category	IT and telecommunications equipment



Use Case



Integration example.