

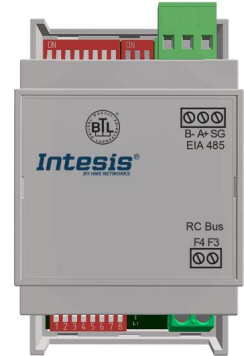
Job Name \_\_\_\_\_  
 Purchaser \_\_\_\_\_  
 Submitted to \_\_\_\_\_  
 Unit Designation \_\_\_\_\_

Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Reference  Approval  Construction   
 Schedule # \_\_\_\_\_

The Samsung interface has been designed to allow bidirectional control and monitoring of Samsung NASA systems from a BMS, SCADA, PLC or any other device working as a BACnet MS/TP Master.

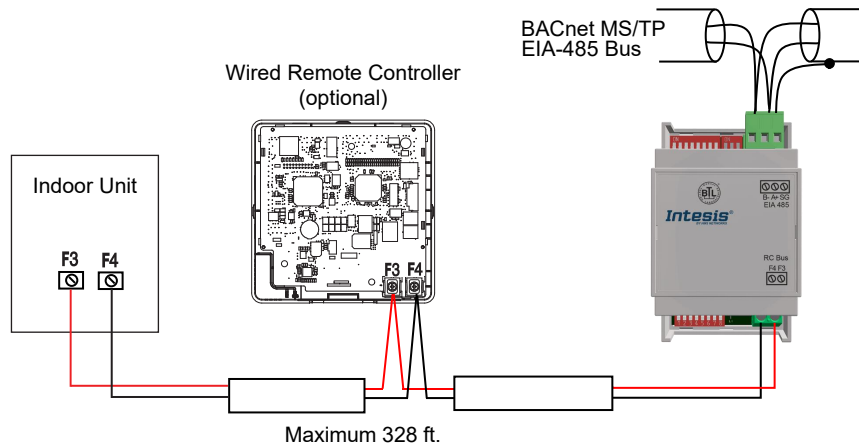
**Features**

- BTL Certified which ensures full interoperability with BACnet devices.
- Supports BACnet MSTP physical layer.
- Direct access to indoor unit wired controller communication bus.
- Can connect to F3/F4 with up to one (1) Samsung wired controller (MWR-\*\*\*\*\*N).
- Simultaneous control of the AC unit by Samsung wireless and wired controllers (depending on indoor unit) and BACnet
- Samsung wireless and wired controllers can be disabled to only allow BACnet control.
- Total control and monitoring of the AC unit from BACnet, including AC unit's internal variables, running hours counter (for filter maintenance) and indoor unit error codes
- Bidirectional communication of air conditioning unit properties and functionalities
- Quick and easy installation. Configuration using DIP switches, then connect to indoor unit and BACnet network.
- External power not required.
- Dimensions (W X H X D): 2.1" X 3.5" X 2.28".
- Mountable on DIN rail, wall, or inside some indoor unit models.
- LED indicators provide easy to check communication of BACnet MS/TP port.
- Included components: Intesis Gateway, Installation Sheet



**Use Case**

**Integration of Samsung AC unit into a BACnet MSTP installation.**



**Description**

**Direct Connection to Indoor Units**

The gateway is wired directly to an indoor unit to allow monitoring and/or control of indoor unit power, mode, room temperature, set temperature, fan speed, air direction, filter reminder, WindFree<sup>TM</sup>\* mode, 360 Cassette airflow, error code status, lock remote control, on time counter, occupied cool/heat set points, unoccupied cool/heat set points, occupancy, serial number, and other points.

**Fast and Easy Configuration Using Dip Switches**

The product can be installed and set up quickly. Configuring the DIP Switches, then connect the gateway to the indoor unit and BACnet network. Configuration software is not required.

\*The Wind-Free<sup>TM</sup> unit delivers an air current that is under 0.15 m/s while in Wind-Free<sup>TM</sup> mode. Air velocity that is below 0.15 m/s is considered "still air" as defined by ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers).

HMS Industrial Networks maintains a policy of ongoing development, specifications are subject to change without notice.