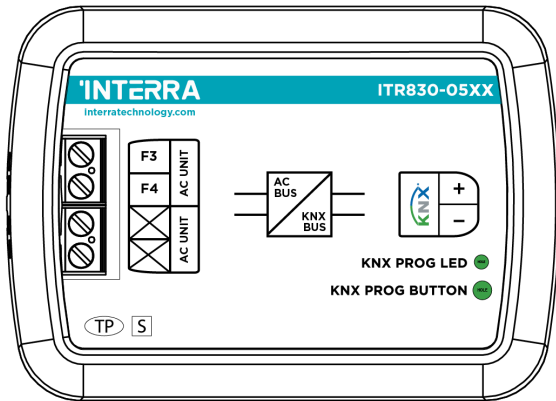


## Samsung NASA AC - KNX Gateway



<b>Product Code</b>	ITR830-0501
<b>Power Supply</b>	KNX Power Supply
<b>Power Consumption</b>	10 mA
<b>Push Buttons</b>	1 x KNX Programming Button
<b>LED Indicators</b>	1 x KNX Programming LED
<b>Type of Protection</b>	IP 20
<b>Cable Distance</b>	Max 300 m
<b>Mode of Commissioning</b>	S-Mode
<b>Maximum Air Humidity</b>	< 90 RH
<b>Temperature Range</b>	Operation (-10°C...70°C) Storage (-25°C...100°C)
<b>Colour</b>	Light Grey
<b>Dimensions</b>	88 x 62 x 27 mm (W x H x D)
<b>Certification</b>	KNX Certified
<b>Configuration</b>	Configuration with ETS

### DESCRIPTION

ITR830-0501 is an air conditioner gateway that is used for monitoring and controlling all the functioning parameters of Samsung NASA air conditioners via the KNX bus line.

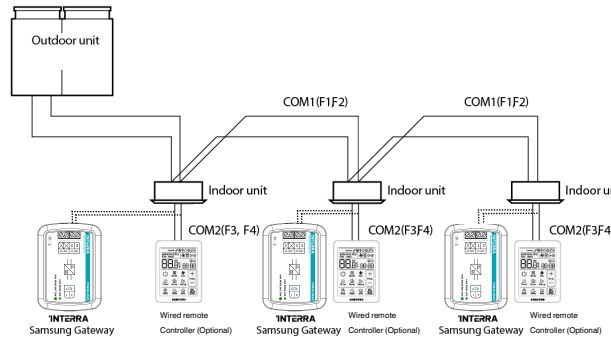
Samsung NASA AC - KNX Gateway has an easy installation feature and can be installed inside the own AC indoor unit or a proper location away from the air conditioner, it connects one side directly to the electronic circuit of the AC indoor unit and in the other side directly to the KNX bus. Besides, logic and converter parameters can be used for energy savings, configurable scenes, temperature limits etc.

**Note:** The air conditioner must remain off while at mode transitions between heating and cooling.

### FUNCTIONS

- ITR830-0501 device can control air conditioners synchronously with multicast functionality or independent of each other.
- Includes 4 logical advanced parameters, each logical parameter have up to 4 inputs and can be configured as AND, OR & XOR.
- Includes 8 advanced converter parameters, each converter has four operations of math calculations according to the input type.
- Logic and converter parameters can be used for energy savings, configurable scenes, temperature limits etc.
- Samsung NASA air conditioner unit provides error notifications for errors that may occur in exceptional cases.

### CONNECTION DIAGRAM & DIMENSIONS



- All values given in the device dimensions are millimetres.

