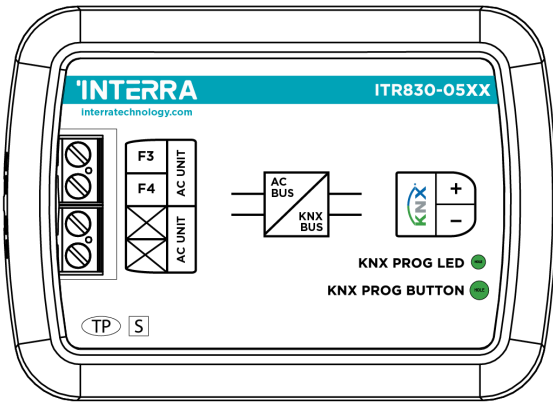


Samsung NASA AC - KNX Gateway



Product Code	ITR830-05XX
Power Supply	KNX Power Supply
Power Consumption	10 mA
Push Buttons	1 x KNX Programming Button
LED Indicators	1 x KNX Programming LED
Type of Protection	IP 20
Cable Distance	Max 300 m
Mode of Commissioning	S-Mode
Maximum Air Humidity	< 90 RH
Temperature Range	Operation (-10°C...70°C) Storage (-25°C...100°C)
Colour	Light Grey
Dimensions	88 x 62 x 27 mm (W x H x D)
Certification	KNX Certified
Configuration	Configuration with ETS

XX : 01 : 1 Ch | 04 : 1-4 Ch | 08 : 4-8 Ch | 16 : 8-16 Ch | 32 : 16-32 Ch

DESCRIPTION

ITR830-05XX 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.

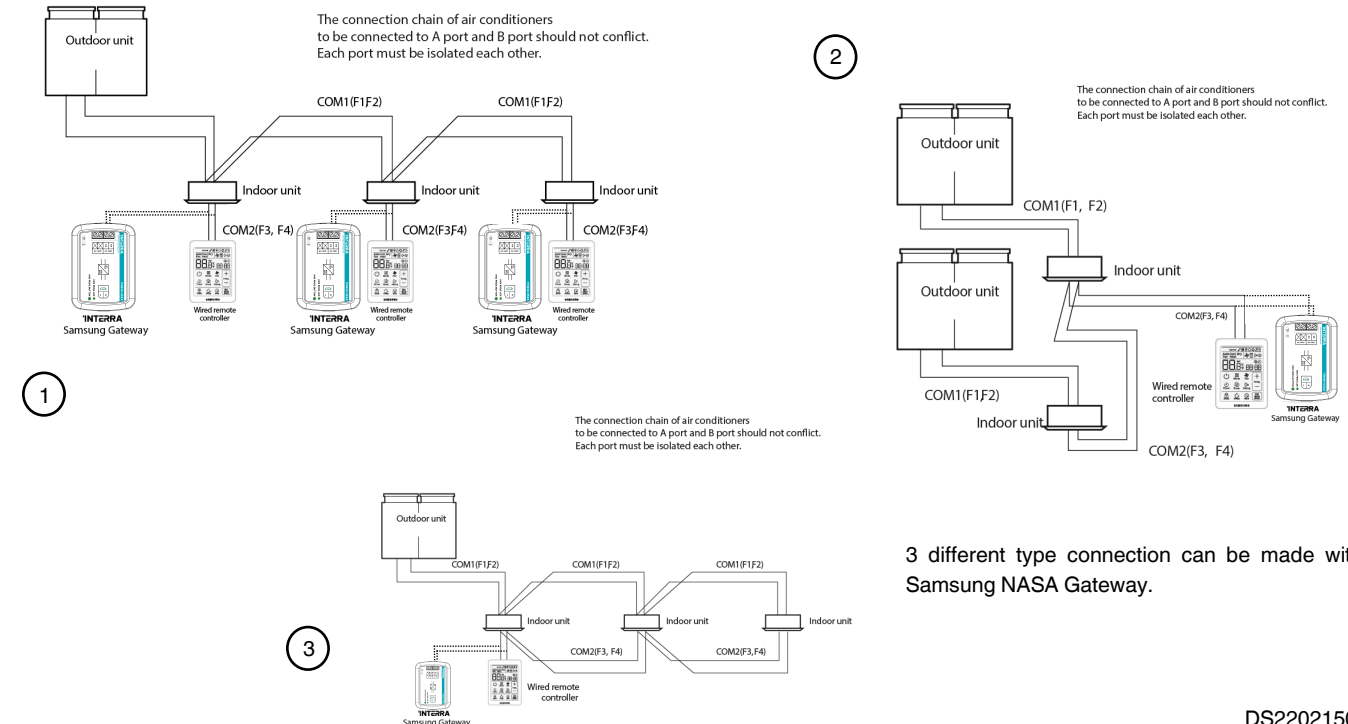
Samsung NASA AC - KNX Gateway has an easy installation feature and can be installed inside the own AC indoor unit or a proper location away from the air conditioner, it connects one side directly to the electronic circuit of the AC indoor unit and in the other side directly to the KNX bus. In addition, according to the model number, Samsung NASA Gateways can control 1, 1-4, 4-8, 8-16 or 16-32 air conditioners at the same time. 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

- ITR830-05XX 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.
- Air conditioners 1-16 should be connected to port A, and air conditioners 16-32 to port b. However, a and b ports must be isolated from each other.

CONNECTION DIAGRAM



3 different type connection can be made with Interra Samsung NASA Gateway.