INTERRA

AKREDİTE AKILLI BİNA SİSTEMLERİ AR&GE MERKEZİ

Daikin Sky & VRV AC KNX Gateway

ITR830-003

KNX Interface for Daikin Air Conditioners

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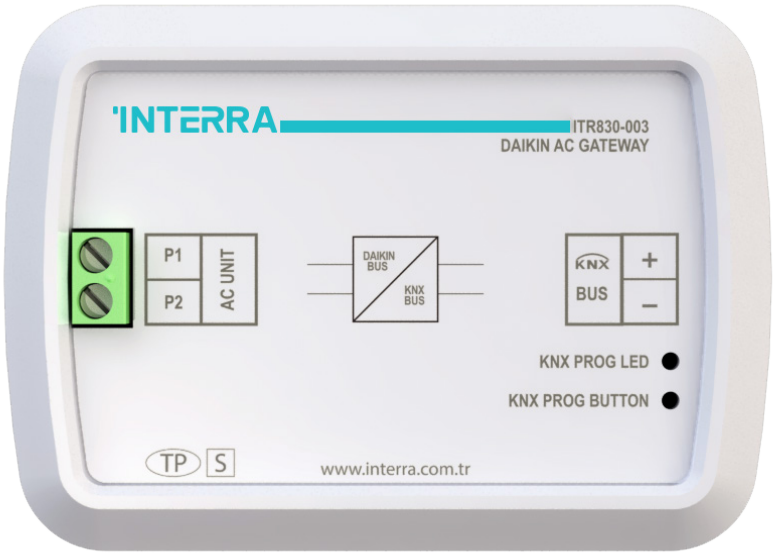
Daikin Sky & VRV AC
KNX Gateway

Daikin is the interface device that allows commercial and industrial air conditioners to be integrated into the Knx bus system.



All the controls that the end user will need can be done with this device.

ITR830-003

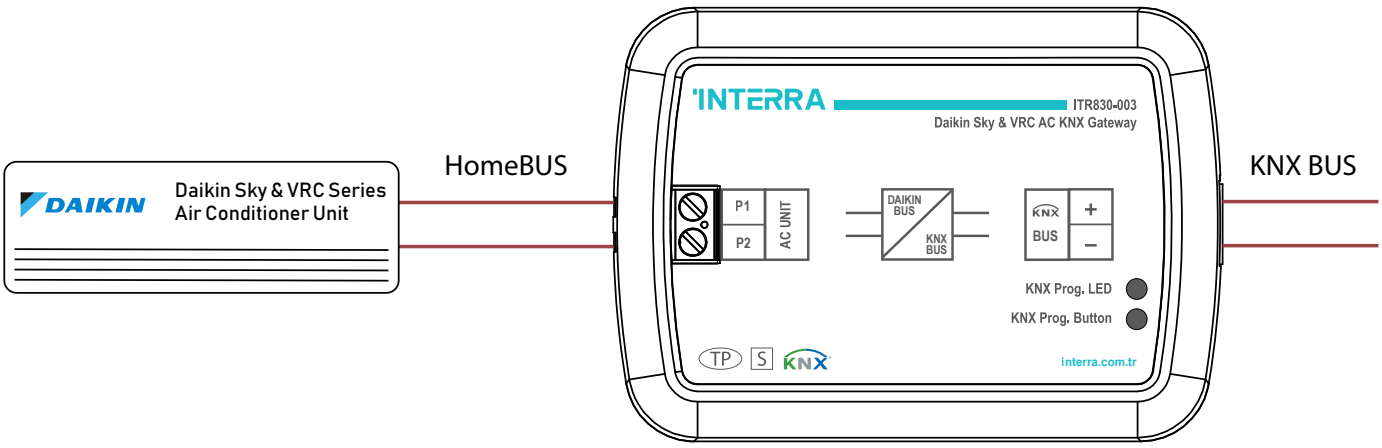
•	Power Supply	: EIB Power Supply
•	Power Consumption	: 20mA
•	Push Buttons	: 1 x KNX Programming Button
•	LED Indicator	: 1 x KNX Programming LED
•	Protection Type	: IP 20
•	Operation Mode	: S Mode
•	Maximum Humudity	: <90RH
•	Temperature Range	: Working (-10°C...70°C) Storage (-25°C...100°C)
•	Flammability	: Fireproof Product
•	Colour	: Light Grey
•	Sizes	: 88X62X27 mm (WxHxD)
•	Certificate	: KNX Certificate
•	Configuration	: Configuration with ETS

It contains logic and converter interfaces in order to meet the extra needs that may occur in the field.

For control flexibility, many objects have control and feedback objects in both bits and bytes.

Special usage modes have been added considering the user comfort.

- The device can send information from a desired object (module alive beacon) at desired intervals.
- It can be selected how it will behave at the moment of power failure and after it comes.
- It can be activated to send feedback when the device starts and it can be selected to repeat the notification in certain periods, and this time can be set.
- The device control can be locked and unlocked through the object, the polarity of the locking information can be adjusted.
- In case of an error that may occur in the air conditioner, the code corresponding to the error can be sent from ets. (*)
- 4 logic gates can be defined. These gates can be chosen as and, or and xor.
- 8 converters can be defined. These converters are very important for data type conversions that may be needed in the field.



(*): This feature will be updated in the 2nd version of the device.

Comfort in your hands

You can organize heating / cooling, summer mode, winter mode, gradual scenarios that will make you feel special.

Energy Saving

You can save energy thanks to the smart operation mode and smart room heating / cooling modes.

Mobile Access

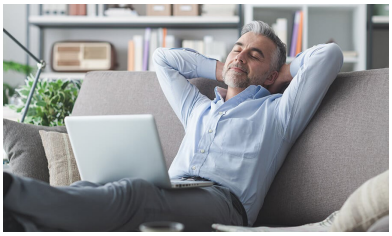
You can control it remotely with Android and IOS mobile devices whenever you want, and you can turn your air conditioner on / off and heat / cool when you come home.

Timer Scenarios

You can control your air conditioner with mobile access and make you feel special by arranging on / off, gradual heating / cooling scenarios at any time.

Special Scenarios for Your Customers

By creating special room temperature scenarios for your customers, you can experience the 5-star comfort effect.



Two-way communication privilege

It does not leave a question mark in your mind by notifying whether all the commands you have given via mobile access are implemented or not.

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