

# INTERRA

— Developer of Uniqueness —

**Daikin Sky & VRF**  
**KNX / AC Gateway**  
**ITR830-0003**



**DAIKIN**



# INTERRA – Developer of Uniqueness

In recent years, with the huge growth rates, Interra has been managed to be one of the most popular KNX based home automation brands globally. In 2020, Interra started its first attempt of integrating air conditioning units into the KNX systems and creating bi-directional communication between them to increase the energy efficiency and capabilities of smart buildings. With the support of The Scientific and Technological Research Council of Turkey and the collaboration with air conditioning manufacturers to ensure to keep the right compatibility with their AC units, Interra succeeded to create reliable KNX gateway units for major international brands.

## Unique HVAC Solutions for KNX Professionals

### Bi-directional Communication

Interra KNX / AC Gateways provide complete bi-directional integration of air conditioners with KNX bus. Get or send any information from the AC unit to control and monitor it on your KNX bus.

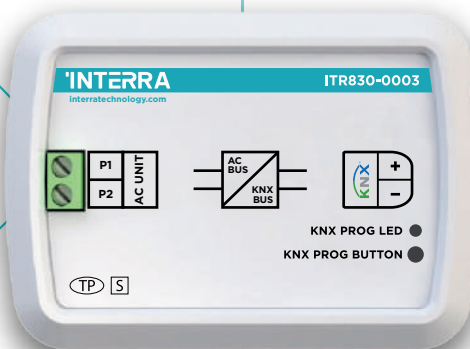


### Approved Reliability

Interra AC Gateways are developed with the collaboration of air conditioning manufacturers to ensure to keep the right compatibility with their AC units. Interra has special agreements with some air conditioning manufacturers where they are the exclusive distributors of Interra AC / KNX Gateways in their regions. Trusted By KNX Professionals

### Easy to Setup

With its minimalistic design, very easy to implement, hide and connect AC to the KNX bus.



### Energy Efficient

HVAC systems are the biggest part of the energy costs in buildings. Interra AC Gateway units provide smart scenarios and special modes for your needs to keep your energy usage at optimal levels.



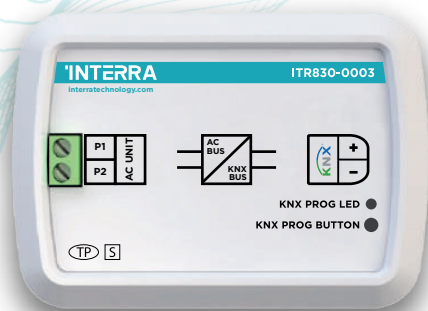
### Trusted by KNX Professionals

Interra is one of the most popular KNX brands in the world and trusted by more than 430 KNX integrators only in 2021.

### More features by KNX

- Mobile Control
- Personalized / Timer Scenarios
- Energy Consumption & Savings
- Energy Monitoring
- Air Quality Monitoring\*

# Daikin Sky KNX / AC Gateway



## ITR830-0003

ITR830-0003 is an air conditioner gateway that is used for monitoring and controlling all the functioning parameters of Daikin Industries air conditioners via the KNX bus line. Daikin Sky & VRV AC - KNX Gateway is compatible with models in Sky & VRV types categorized in the compatibility list sold by Daikin Industries.

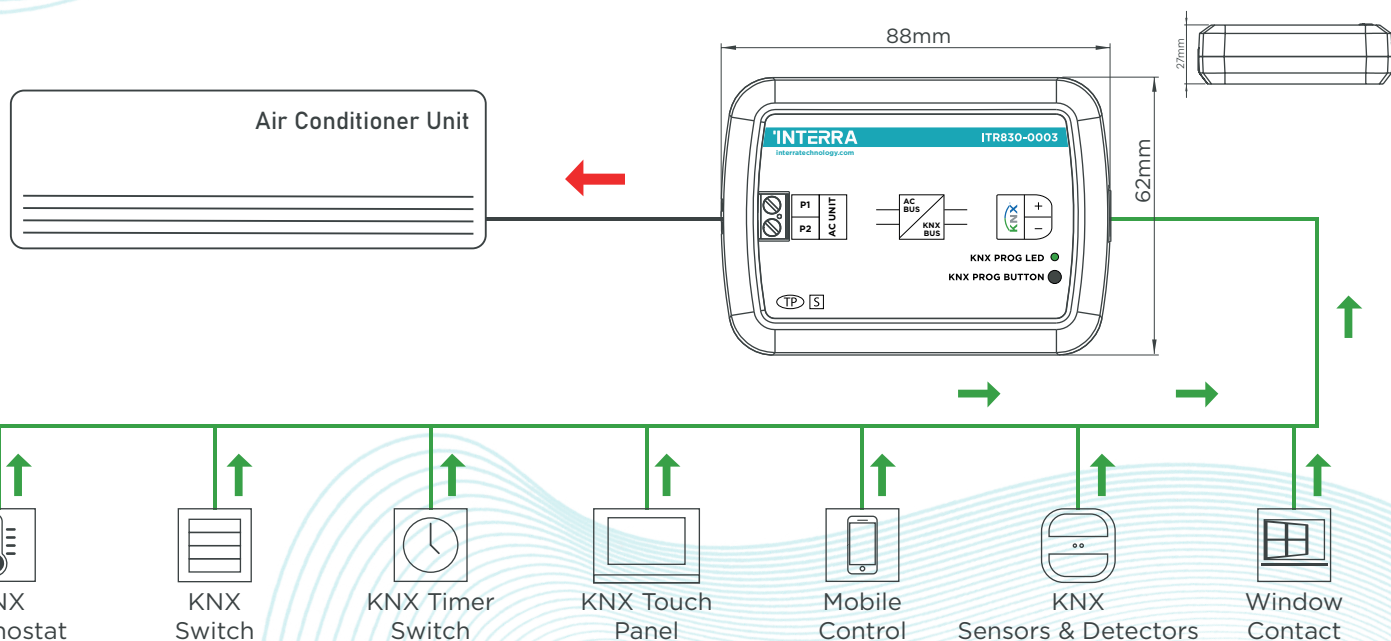
## FUNCTIONS

- ITR830-0003 is an air conditioner gateway that is used for monitoring and controlling all the functioning parameters of Daikin Industries air conditioners via the KNX bus line. Daikin Sky & VRV AC - KNX Gateway is compatible with models in Sky & VRV types categorized in the compatibility list sold by Daikin Industries.
- It includes 4 logical advanced parameters, each logical parameter has up to 4 inputs and can be configured as AND, OR & XOR.
- Includes 8 advanced converter parameters, each converter has four operations math calculations according to the input type.
- Logic and converter parameters can be used for energy savings, configurable scenes, temperature limits, etc.
- Daikin air conditioner unit provides error notifications for errors that may occur in exceptional cases.

## OVERVIEW

Daikin Sky & VRV AC - KNX Gateway has a very easy installation and can be installed into the AC indoor unit or a proper location away from the air conditioner. Its one side is connected directly to the electronic circuit of the AC indoor unit and on the other side directly to the KNX bus.

Technical Specifications	
Product Code	ITR830-0003
Power Supply	KNX Power Supply
Power Consumption	5 mA
Push Buttons	1 x KNX Programming Button
LED Indicators	1 x KNX Programming LED
Type of Protection	IP 20
Cable Distance	Max 350 m
Mode of Commissioning	S-Mode
Maximum Air Humidity	< 90 RH
Temperature Range	Operation (-10°C...70°C) Storage (-25°C...100°C)
Flammability	Non-flammable product
Colour	Light Grey
Dimensions	88 x 62 x 27 mm (W x H x D)
Certification	KNX Certified
Configuration	Configuration with ETS
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Easiest way to monitor and control  
the air conditioning systems.

Interra KNX / AC Gateways provided  
complete and reliable integration in  
thousands of KNX projects globally.

DAIKIN MITSUBISHI HEAVY INDUSTRIES MITSUBISHI ELECTRIC SAMSUNG LG TOSHIBA GREE Vaillant VIESSMANN BOSCH Midea



Ataköy Sea Pearl - Istanbul



Yedi Mavi Residence - Istanbul



The Harrington Collection - Australia



Vadi Istanbul Mall & Office & Residence



Acarkent Villas - Istanbul



Merkez Ankara



Mesa Orman - Istanbul



Hilton Dalaman Lake Houses - Muğla



Nevbahar Üsküdar - Istanbul



Denli Lujo Villas - Tekirdağ



Çengelköy Park - Istanbul



Invictus Sunset Ilica - Izmir



Nidapark İstinye - Istanbul



Avrupa Konutları Çamlı Vadi - Istanbul



Invictus Alaçati Port - Izmir



G Beyond Residence & Villas - Bodrum



Lalila Blue Suites - Marmaris



Izmir Chamber Of Commerce



Referans Başakşehir - Istanbul



Yamanevler - Istanbul



Bahçeşehir Konakları - Istanbul



Bitez Mansions - Bodrum



Tuna Panorama Residence - Istanbul



Bahçeşehir Park - Istanbul