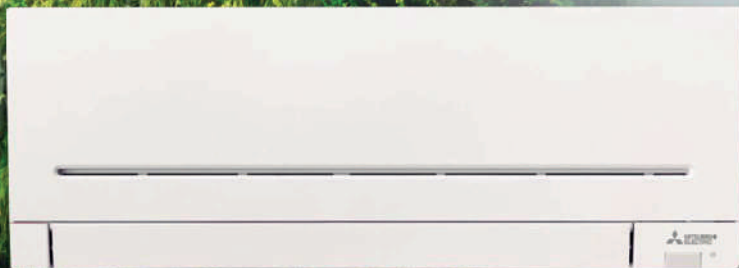


INTERRA

Developer of Uniqueness

**Mitsubishi Electric
AC / KNX Gateway**

ITR830-0001



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

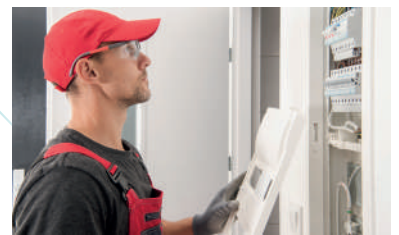
Easy to Setup

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



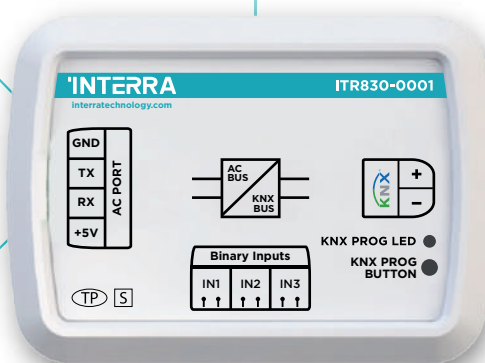
Energy Efficient

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.



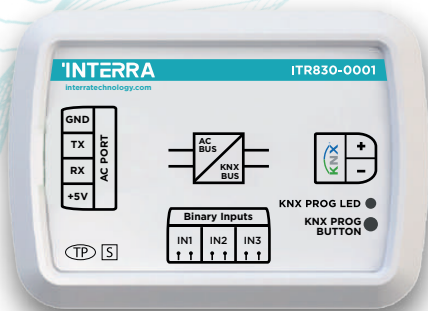
More features by KNX

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

Mitsubishi Electric AC / KNX Gateway

ITR830-0001

ITR830-0001 is used for monitoring and controlling all the functioning parameters of Mitsubishi Electric air conditioners with KNX. It is compatible with models in PAC, RAC, and City Multi VRF and Industrial types sold by Mitsubishi Electric. For more information please check the compatibility list on our website.



FUNCTIONS

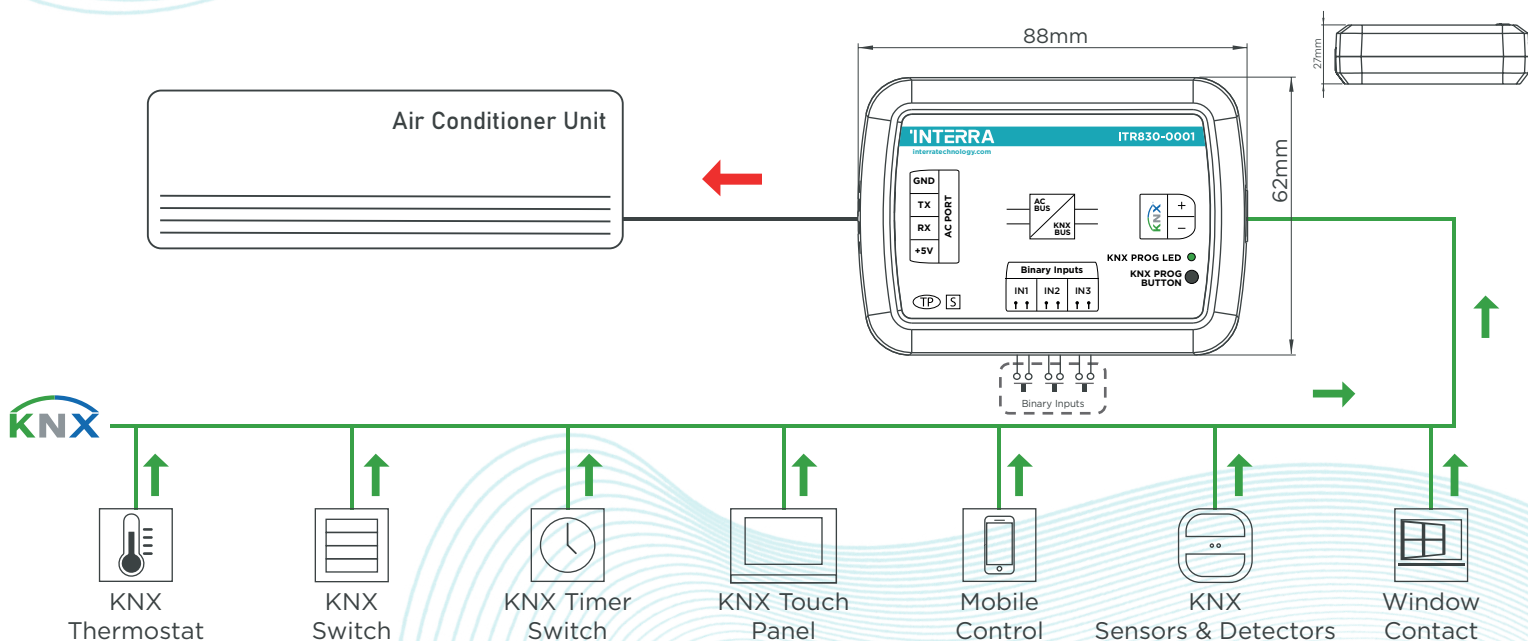
- ITR830-0001 provides complete bi-directional integration of Mitsubishi Electric air conditioners with KNX bus.
- It provides extra communication objects for maximum flexibility.
- It includes 4 logical and 8 converter advanced parameters for energy savings, configurable scenes, temperature limits, etc.
- It includes 3 binary inputs to integrate into the KNX bus. (i.e. motion detectors, evacuation pumps, window contacts)
- Mitsubishi Electric air conditioner unit provides error notifications for errors that may occur in exceptional cases.

Technical Specifications

Product Code	ITR830-0001
Power Supply	KNX Power Supply
Power Consumption	5 mA
Inputs	3 binary inputs
Push Buttons	1 x KNX Programming Button
LED Indicators	1 x KNX Programming LED
Type of Protection	IP 20
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	40 x 10 x 40 mm (W x H x D)
Certification	KNX Certified
Configuration	Configuration with ETS
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OVERVIEW

Mitsubishi Electric AC 7 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.



INTERRA

Developer of Uniqueness

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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



Istanbul Hisar Educational Institution



Bahçeşehir Park - Istanbul