

Toshiba VRF and Digital systems to KNX Interface with Binary Inputs

The Toshiba-KNX gateway allows fully bi-directional communication between Toshiba VRF and Digital systems and KNX installations.

Additionally, four potential-free binary inputs provide the possibility to integrate external devices, such as window contacts or presence detectors, that allows launching internal functions focused to improve energy efficiency.

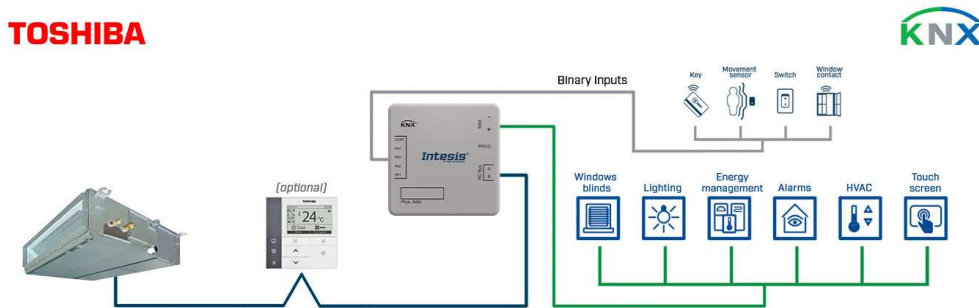


FEATURES

- KNX certified.
- Configured by ETS standard configuration tool.
- Reduced dimensions allowing a quick installation inside the Air Conditioner unit.
- Offered all the required DPT objects to be compatible with all KNX thermostats in the market.
- Energy efficiency functions, such as "timeout", "open window" or "Occupancy". Costs related to HVAC systems in a building are one of the highest and these functions allow to reduce them.
- Smooth integration of KNX thermostats allowing the control of the AC unit by the own temperature sensor of the thermostat.
- Simultaneous control of the AC unit by the IR remote controller and by KNX.
- Total control and monitoring of the AC unit from KNX, including AC unit's internal variables, running hours counter (for filter maintenance control) and error indication.
- Up to 5 scenes can be saved and executed from KNX.

Use Case

Integration of Toshiba VRF & Digital systems into a KNX installation.



Description

DIRECT CONNECTION TO INDOOR UNITS

The gateway is wired directly to an indoor unit. This allows not only the control of the main AC functions such as operating mode, fan speed, temperature setpoint...but the monitoring of errors, alarms and some internal variables.

EASY TO SET UP BY ETS (STANDARD KNX TOOL)

The connection between the two networks is quickly set up in the ETS configuration tool using the product database available to download. Thanks to the high number of supported KNX DPTs and the KNX certification, the gateway ensures interoperability with any KNX device in the market.

Technical Documentation

| | | |
|-------------------------------|---|----------|
| User Manual | General information about this product | Download |
| Installation Manual | Learn how to install the device in your project | Download |
| HVAC Compatibility tool | Find the appropriate solution for your HVAC integration | Open |
| HVAC Compatibility | Check your HVAC compatibility | Download |
| EC Declaration of Conformity | Check the product certification | Download |
| Tender Specification Document | Product details for tender submittal | Download |

Programming Tool

| | | |
|---------------|--------------------|----------|
| ETS Data Base | Configuration tool | Download |
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Commercial Documentation

| | | |
|---------------------|--|----------|
| Marketing Datasheet | Discover all the integration solutions for Toshiba | Download |
| Intesis Brochure | Know more about the Intesis current available products | Download |

HVAC Compatibility

Ensure the compatibility of this gateway with your AC model by visiting <https://compatibility.intesis.com/>

Compatible AC models

RAV-SM - KRT-E | RAV-SM - KRTP-E | RAV-RM - KRTP-E | RAV-SM - BT-E | RAV-SM - BTP-E | RAV-RM - BTP-E | RAV-SM - DT-E | RAV-SM - DTP-E | RAV-SM - SDT-E | RAV-RM - SDT-E | RAV-SM - CT-E | RAV-SM - CTP-E | RAV-RM - CTP-E | RAV-SM - MUT-E | RAV-RM - MUT-E | RAV-SM - UT-E | RAV-SM - UTP-E | RAV-RM - UTP-E | RAV-DXC010 LC | MMU-AP - MH-E | MMU-AP - MH1-E | MMU-AP - H | MMU-AP - HP-E | MMU-AP - HP1-E | MMU-AP - YH-E | MMU-AP - YH1-E | MMU-AP - SH-E | MMU-AP - SH1-E | MMU-AP - WH | MMU-AP - WH1 | MMD-AP - BH-E | MMD-AP - BHP-E | MMD-AP - BHP1-E | MMD-AP - H-E | MMD-AP - HP-E | MMD-AP - HP1-E | MMD-AP - HFE | MMD-AP - SPH-E | MMD-AP - SPH1-E | MMC-AP - H-E | MMC-AP - HP-E | MMC-AP - HP1-E | MML-AP - BH-E | MML-AP - BH1-E | MML-AP - H-E | MML-AP - H1-E | MMF-AP - H-E | MMF-AP - H1-E | MML-AP - NH-E | MMK-AP - H | MMK-AP - H1 | MMK-AP - MH-C | MMK-AP - MH-E | MMK-AP - MH1-E | MMK-AP - MHP1-E | RAV-SE - 1CP-ID | RAV-SE - 1CP-T | RAV-SE - 1UP-ID | RAV-SE - 1UP-T | RAV-SP - UT-UL

* The asterisks stand for any character in the asterisk' position.

| File | Version | Size | Read online |
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ORDER CODE:

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|-----------------|--|
| INKNXTOS001R000 | Toshiba VRF and Digital systems to KNX Interface with Binary Inputs - 1 unit |
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INCLUDED COMPONENTS:

Intesis Gateway.

Installation Manual.

Warranty: 36 months.

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