# Toshiba VRF systems to KNX Interface

*Toshiba to KNX - 64 indoor units*

**Item number: INKNXTOS064O000**

The Toshiba interface has been specially designed to allow bidirectional control and monitoring of Toshiba VRF systems from a KNX installation. The gateway is directly connected to the outdoor unit's communication bus and enables control of all the indoor units connected to the system.

## Features and benefits

- **ETS configuration**
  The interface is configured using the ETS standard configuration tool software.
- **KNX standard datapoints (DPTs) support**
  KNX standard datapoints (DPTs) are supported, guaranteeing a simple KNX device/system integration.
- **Datapoint support**
  A wide range of monitoring and control datapoints is available.
- **Direct access to the outdoor unit**
  Connection is simple, as the interface connects directly to the outdoor unit’s communication bus.
- **Multiple energy efficiency functions available**
  Timeout, open window, or occupancy energy-saving functions are available to reduce energy costs.
- **Total unit control and monitoring from KNX**
  Through internal variables, running hours counter (for maintenance purposes), and error indication.

# Toshiba VRF systems to KNX Interface

## General

| | |
|---|---|
| **Net Width (mm)** | 217 |
| **Net Height (mm)** | 147 |
| **Net Depth (mm)** | 90 |
| **Net Weight (g)** | 2050 |
| **Packed Width (mm)** | 280 |
| **Packed Height (mm)** | 180 |
| **Packed Depth (mm)** | 330 |
| **Packed Weight (g)** | 4480 |
| **Operating Temperature °C Min** | 0 |
| **Operating Temperature °C Max** | 40 |
| **Storage Temperature °C Min** | -30 |
| **Storage Temperature °C Max** | 60 |
| **Power Consumption (W)** | 5W |
| **Input Voltage (V)** | 100 to 240VAC~ 50 to 60Hz 5W max. |
| **Power Connector** | 3-pole |
| **Configuration** | ETS |
| **Installation Conditions** | This gateway is designed to be mounted inside an enclosure. If the unit is mounted outside an enclosure, precautions should always be taken to prevent electrostatic discharge to the unit. When working inside an enclosure (e.g., making adjustments, setting switches, etc.), typical anti-static precautions should always be followed before touching the unit. |
| **Content of Delivery** | Intesis Gateway, Installation Manual, Power Supply Cable, Ferrites. |
| **Mounting** | Wall mount |

# Toshiba VRF systems to KNX Interface

## General

| | |
|---|---|
| **Housing Materials** | Plastic |
| **Warranty (years)** | 3 years |
| **Packaging Material** | Cardboard |

## Identification and Status

| | |
|---|---|
| **Product ID** | INKNXTOS064O000 |
| **Country of Origin** | Spain |
| **HS Code** | 8517620000 |
| **Dual Usage** | No |
| **Export Control Classification Number (ECCN)** | EAR99 |

## Physical Features

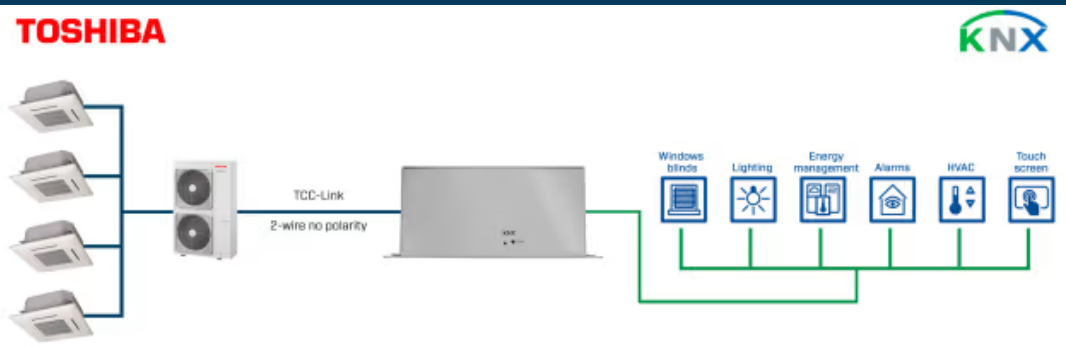
| | |
|---|---|
| **Connectors / Input / Output** | Power supply, KNX, HVAC port |
| **LED Indicators** | Gateway and communication status. |
| **DIP & Rotary Switches** | EIA-485 serial port configuration. Gateway settings. |
| **Contains Battery** | No |

## Certifications and Standards

| | |
|---|---|
| **CE** | Yes |
| **CB** | Yes |
| **UL** | Yes |
| **WEEE Category** | IT and telecommunications equipment |

# Toshiba VRF systems to KNX Interface

## Use Case




Integration example.

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