Toshiba VRF systems to KNX Interface



Toshiba to KNX - 16 indoor units

Item number: INKNXTOS016O000

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)	88
Net Height (mm)	56
Net Depth (mm)	90
Net Weight (g)	1420
Packed Width (mm)	27
Packed Height (mm)	17
Packed Depth (mm)	33
Packed Weight (g)	1840
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
Capacity	Up to 16 indoor units.
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.

Toshiba VRF systems to KNX Interface



General

Mounting	Wall mount
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard

Identification and Status

Product ID	INKNXTOS016O000
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

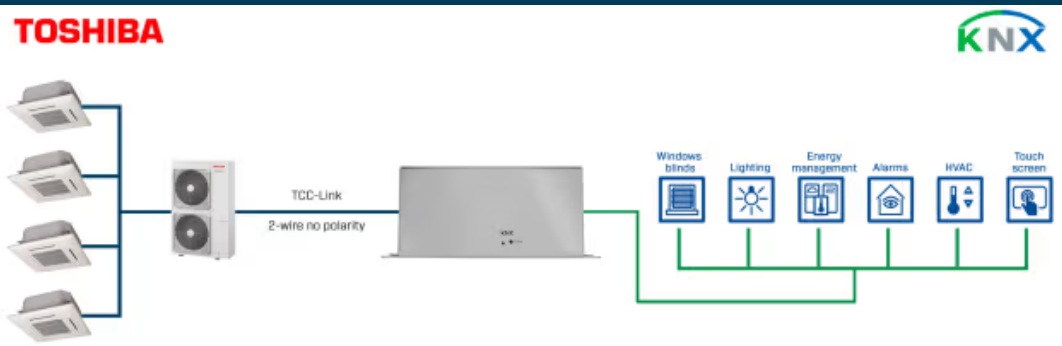
Physical Features

Connectors / Input / Output	Power supply, KNX, HVAC port
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration. Gateway settings.

Certifications and Standards

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment

Use Case



Integration example.