Product Banner

# BACnet/IP & MS/TP Client to KNX TP Application

**Item number: IN701KNX1K20000**

Integrate any BACnet MS/TP or BACnet/IP server device with any KNX device or system. This integration aims to make BACnet objects data and resources accessible from a KNX system as if they were a part of the KNX system and vice versa.

*BACnet/IP & MS/TP to KNX - 1200 points*

## Features and benefits

- **Support for BACnet/IP client**
  The gateway supports the BACnet/IP client protocol.
- **Commissioning-friendly approach with Intesis MAPS**
  Templates can be imported and reused as often as needed, significantly reducing commissioning time.
- **Control up to 3000 KNX communication objects**
  Up to 3000 KNX communication objects can be controlled by the gateway.
- **Easy integration with Intesis MAPS**
  The integration process is quickly and easily managed using the Intesis MAPS configuration tool.
- **Support for KNX TP devices**
  The gateway supports KNX TP (twisted pair) devices.
- **BACnet Advanced features - calendars, schedules...**
  BACnet's advanced features, such as calendars, trend logs, schedules, and more, are available.

# BACnet/IP & MS/TP Client to KNX TP Application




## General

| | |
|---|---|
| **Net Width (mm)** | 88 |
| **Net Height (mm)** | 90 |
| **Net Depth (mm)** | 58 |
| **Net Weight (g)** | 194 |
| **Packed Width (mm)** | 127 |
| **Packed Height (mm)** | 86 |
| **Packed Depth (mm)** | 140 |
| **Packed Weight (g)** | 356 |
| **Operating Temperature °C Min** | -10 |
| **Operating Temperature °C Max** | 60 |
| **Storage Temperature °C Min** | -30 |
| **Storage Temperature °C Max** | 60 |
| **Power Consumption (W)** | 1.7 |
| **Input Voltage (V)** | For DC: 9 .. 36 VDC, Max: 180 mA, 1.7 WFor AC: 24 VAC ±10 %, 50-60 Hz, Max: 70 mA, 1.7 WRecommended voltage: 24 VDC, Max: 70 mA |
| **Power Connector** | 3-pole |
| **Configuration** | Intesis MAPS |
| **Capacity** | Up to 1200 points. |
| **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, USB Configuration cable. |

# BACnet/IP & MS/TP Client to KNX TP Application




## General

| | |
|---|---|
| **Not Included (in delivery)** | Power supply not included. |
| **Mounting** | DIN rail mount (bracket included), Wall mount |
| **Housing Materials** | Plastic |
| **Warranty (years)** | 3 years |
| **Packaging Material** | Cardboard |

## Identification and Status

| | |
|---|---|
| **Product ID** | IN701KNX1K20000_KNX_BAC |
| **Country of Origin** | Spain |
| **HS Code** | 8517620000 |
| **Export Control Classification Number (ECCN)** | EAR99 |

## Physical Features

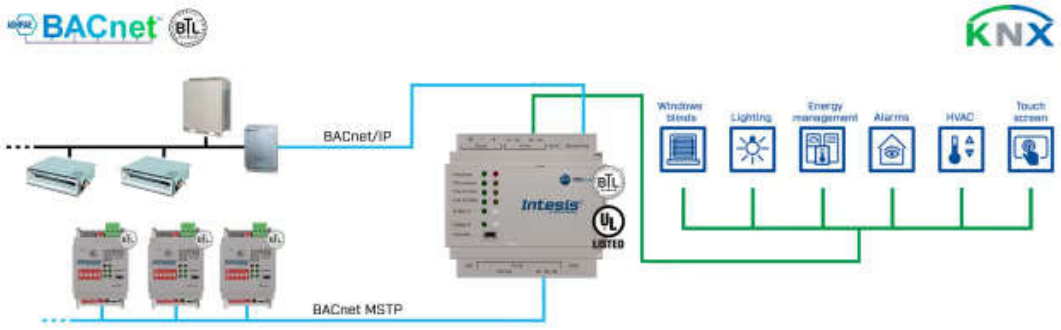
| | |
|---|---|
| **Connectors / Input / Output** | Power supply, KNX, Ethernet, Console port USB Mini-B type, USB storage, EIA-232, EIA-485. |
| **LED Indicators** | Gateway and communication status. |
| **Push Buttons** | Factory reset. |
| **DIP & Rotary Switches** | EIA-485 serial port configuration. |
| **Battery Description** | Manganese Dioxide Lithium button battery. |

## Certifications and Standards

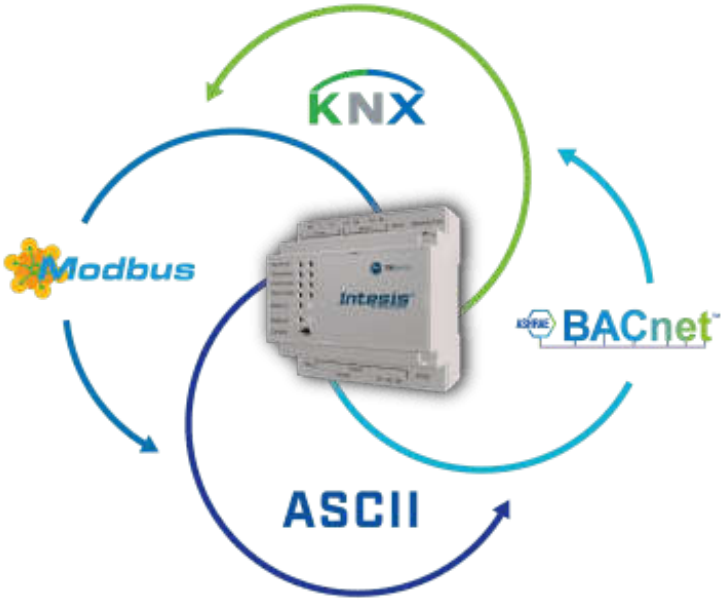
| | |
|---|---|
| **ETIM Classification** | EC001604 |
| **WEEE Category** | IT and telecommunications equipment |

Banner

## Use Case




Integration example.




Integration example.