

## 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.



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 W For AC: 24 VAC ±10 %, 50-60 Hz, Max: 70 mA, 1.7 W Recommended 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.



## General

<b>Not Included (in delivery)</b>	Power supply not included.
<b>Mounting</b>	DIN rail mount (bracket included), Wall mount
<b>Housing Materials</b>	Plastic
<b>Warranty (years)</b>	3 years
<b>Packaging Material</b>	Cardboard

## Identification and Status

<b>Product ID</b>	IN701KNX1K20000_KNX_BAC
<b>Country of Origin</b>	Spain
<b>HS Code</b>	8517620000
<b>Dual Usage</b>	No
<b>Export Control Classification Number (ECCN)</b>	EAR99

## Physical Features

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

## Certifications and Standards

<b>ETIM Classification</b>	EC001604
<b>CE</b>	Yes
<b>CB</b>	Yes

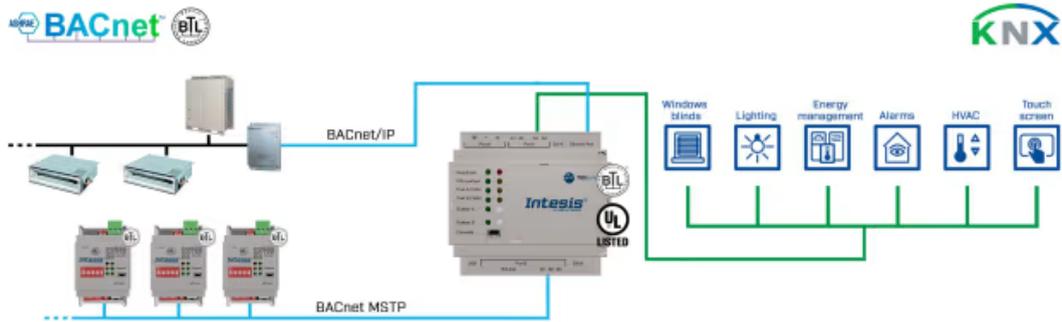


## Certifications and Standards

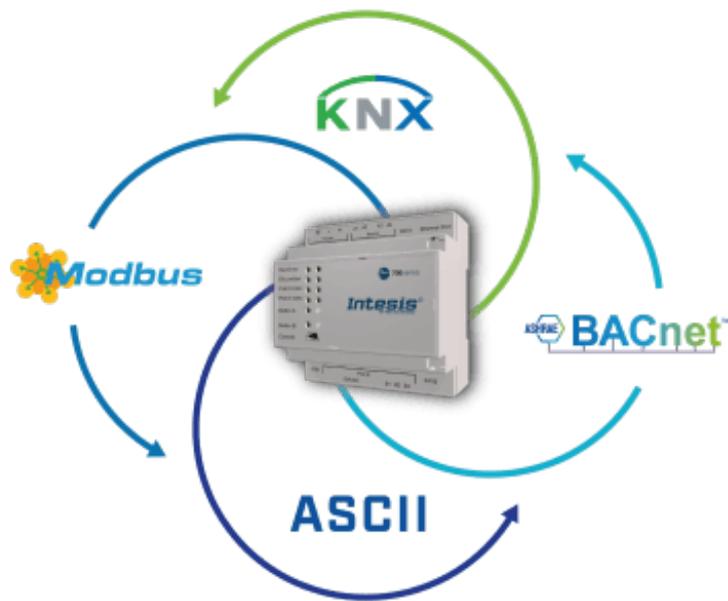
UKCA	Yes
UKPSTI	Yes
UL	Yes
KC	Yes
BTL	Yes
WEEE Category	IT and telecommunications equipment



## Use Case



Integration example.



Integration example.