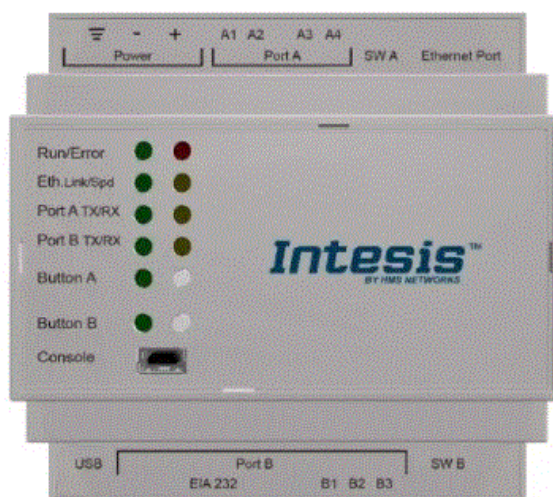


## Contents [ [hide](#) ]

- [1 Intesis INBACLON3K00000 Lon Works TP-FT-10 to BACnet IP and MS-TP Server Gateway](#)
- [2 Product Information](#)
- [3 Features and benefits](#)
- [4 Specifications](#)
- [5 Certifications and Standards](#)
- [6 Product Diagram](#)
- [7 FAQ](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)

***Intesis***<sup>®</sup>

## Intesis INBACLON3K00000 Lon Works TP-FT-10 to BACnet IP and MS-TP Server Gateway



## Product Information

## Item number: INBACLON3K00000

Integrate any LON device or installation with a BACnet BMS or any BACnet/IP or BACnet MS/TP controller. This integration aims to make LON devices, their network variables (SNVT), and resources accessible from a BACnet-based control system or device as if they were a part of the BACnet system and vice versa.

## Features and benefits

- **Support for both BACnet/IP and BACnet MS/TP**

The gateway supports both BACnet/IP and BACnet MS/TP protocols.

- **Commissioning-friendly approach with Intesis MAPS**

Templates can be imported and reused as often as needed, significantly reducing commissioning time.

- **Configuration through IP (Console) port**

Configuration can be carried out through the gateway's IP (Console) port.

- **Can be configured to Modbus TCP instead of BACnet**

The gateway is highly versatile, as it can be configured to work with Modbus TCP instead of BACnet.

- **Easy integration with Intesis MAPS**

The integration process is quickly and easily managed using the Intesis MAPS configuration tool.

- **Configuration tool and gateway automatic updates**

Both the Intesis MAPS configuration tool and the gateway's firmware can receive automatic updates.

- **Support for LonWorks TP/FT-10 devices**

The gateway supports LonWorks TP/FT-10 (twisted pair free topology at 78 kbps) devices.

- **Control up to 3000 SNVT / UNVT LonWorks variables**

Up to 3000 SNVT/UNVT LonWorks variables can be controlled by the gateway.

## Specifications

General
---------

<b>Net Width (mm)</b>	88
<b>Net Height (mm)</b>	90
<b>Net Depth (mm)</b>	58
<b>Net Weight (g)</b>	194
<b>Packed Width (mm)</b>	127
<b>Packed Height (mm)</b>	86
<b>Packed Depth (mm)</b>	140
<b>Packed Weight (g)</b>	356
<b>Operating Temperature °C Min</b>	0
<b>Operating Temperature °C Max</b>	60
<b>Storage Temperature °C Min</b>	-30
<b>Storage Temperature °C Max</b>	60
<b>Power Consumption (W)</b>	1.7
<b>Input Voltage (V)</b>	9 to 36VDC +/-10%, Max.: 140mA.
<b>Power Connector</b>	3-pole
<b>Configuration</b>	Intesis MAPS
<b>Capacity</b>	Up to 3000 points.

<b>Installation Conditions</b>	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.
<b>Content of Delivery</b>	Intesis Gateway, Installation Manual, USB Configuration cable.

## General

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

## Identification and Status

- Product ID INBACLON3K00000
- Country of Origin Spain
- HS Code 8517620000
- Export Control Classification Number (ECCN) EAR99

## Physical Features

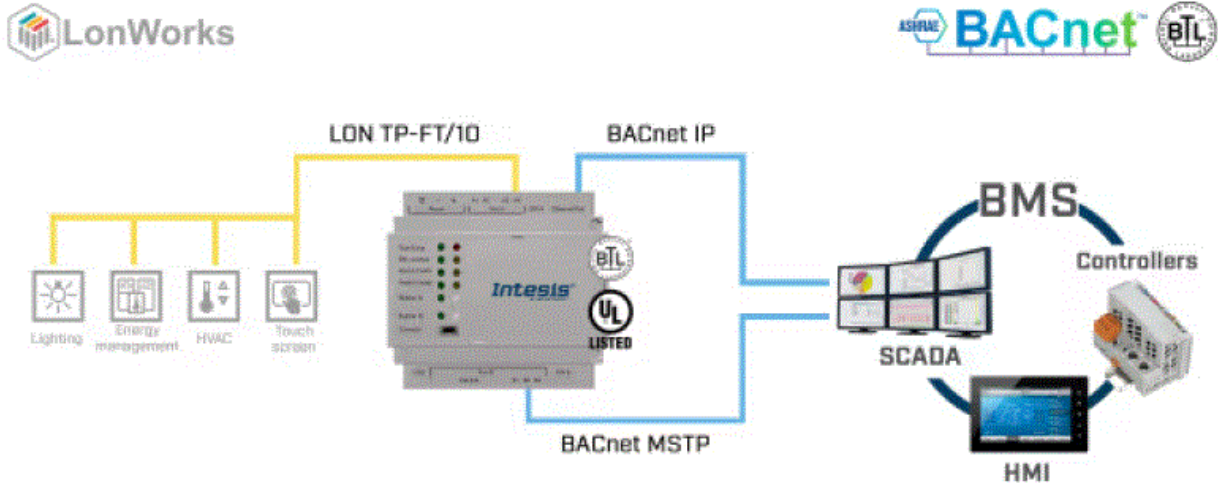
- Connectors / Input / Output Power supply, LON TP/FT-10, Ethernet, Console port USB, USB storage, EIA-485.
- LED Indicators Gateway and communication status.
- DIP & Rotary Switches EIA-485 serial port configuration.
- Battery Description Manganese Dioxide Lithium button battery.

## Certifications and Standards

- ETIM Classification EC001604
- WEEE Category IT and telecommunications equipment

## Product Diagram


### Use Case



### FAQ

- **What LonWorks devices are supported by the gateway?**
  - The gateway supports LonWorks TP/FT-10 devices.
- **How many LonWorks variables can be controlled by the gateway?**
  - The gateway can control up to 3000 SNVT/UNVT Lon Works variables.
- **Is the configuration tool easy to use?**
  - Yes, the integration process is managed using the Intesis MAPS configuration tool, which is user-friendly.

## Documents / Resources

	<p><a href="#">Intesis INBACLON3K00000 Lon Works TP-FT-10 to BACnet IP and MS-T P Server Gateway [pdf] Owner's Manual</a></p> <p>INBACLON3K00000, INBACLON3K00000 Lon Works TP-FT-10 to BACnet IP and MS-TP Server Gateway, INBACLON3K00000, Lon Works TP-FT-10 to BACnet IP and MS-TP Server Gateway, TP-FT-10 to BACnet IP and MS-TP Server Gateway, BACnet IP and MS-TP Server Gateway, MS-TP Server Gateway, Server Gateway</p>
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## References

- [User Manual](#)

■ Intesis

🔍 BACnet IP and MS-TP Server Gateway, INBACLON3K00000, INBACLON3K00000 Lon Works TP-FT-10 to BACnet IP and MS-TP Server Gateway, Intesis, Lon Works TP-FT-10 to BACnet IP and MS-TP Server Gateway, MS-TP Server Gateway, Server Gateway, TP-FT-10 to BACnet IP and MS-TP Server Gateway

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