



---

[Home](#) » [Intesis](#) » **Intesis IN7004851K20000 MS-TP Client to ASCII IP and ASCII Serial Server**  
**Owner's Manual** 

## Contents [ [hide](#) ]

- [1 Intesis IN7004851K20000 MS-TP Client to ASCII IP and ASCII Serial Server](#)
- [2 Features and benefits](#)
- [3 BACnet/IP & MS/TP Client to ASCII IP & ASCII Serial Server Application](#)
- [4 BACnet/IP & MS/TP Client to ASCII IP & ASCII Serial Server Application](#)
- [5 BACnet/IP & MS/TP Client to ASCII IP & ASCII Serial Server Application](#)
- [6 Specifications](#)
- [7 Frequently Asked Questions \(FAQ\)](#)
  - [7.1 Q: Does the gateway support both BACnet/IP and BACnet MS/TP devices?](#)
  - [7.2 Q: Can personalized ASCII strings be used with this gateway?](#)
- [8 Documents / Resources](#)
  - [8.1 References](#)
- [9 Related Posts](#)

## **Intesis IN7004851K20000 MS-TP Client to ASCII IP and ASCII Serial Server**



## OWNER'S MANUAL

BACnet/IP & MS/TP Client to ASCII IP & ASCII Serial Server Application

**Item number: IN7004851K20000**

Integrate any BACnet MS/TP or BACnet/IP server device with an ASCII BMS or any ASCII IP or ASCII serial controller. This integration aims to make BACnet objects, data, and resources accessible from an ASCII-based control system or device as if they were a part of the ASCII system and vice versa.

**BACnet/IP & MS/TP to ASCII IP & Serial – 1200 points**

### Features and benefits

#### Support for both BACnet/IP and BACnet MS/TP

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

#### Easy integra on with Intesis MAPS

The integra on process is quickly and easily managed using the Intesis MAPS configura on tool.

## **Configuration tool and gateway automatic updates**

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

## **ASCII bus automatic write request on value change**

When an ASCII value changes, the gateway automatically sends a write request to the ASCII bus.

## **BACnet devices scan option with BACnet Explorer**

It is possible to scan the BACnet network to discover devices using the BACnet Explorer feature.

Commissioning-friendly approach with Intesis MAPS Templates can be imported and reused as often as needed, significantly reducing commissioning time.

## **ASCII Serial (232/485) and ASCII IP support**

The gateway fully supports both ASCII IP and ASCII Serial (232/485).

## **Personalized ASCII strings use**

It is possible to use personalized ASCII strings on this gateway.

## **BACnet/IP & MS/TP Client to ASCII IP & ASCII Serial Server Application**

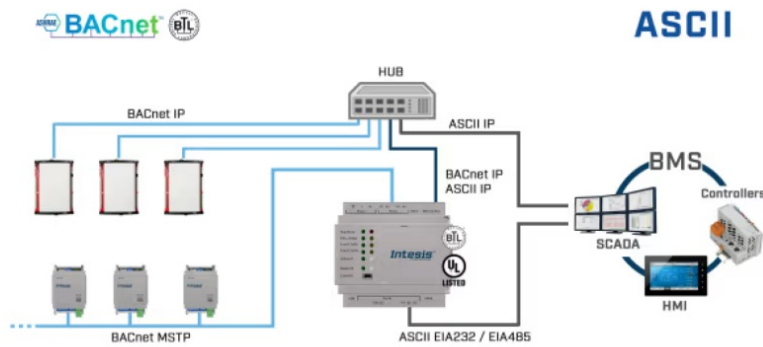
General	
Net Width (mm)	88
Net Height (mm)	90
Net Depth (mm)	58
Net Weight (g)	194
Packed Width (mm)	127
Packed Height (mm)	86
Packed Depth (mm)	140
Packed Weight (g)	356
Operating Temperature °C Min	-10
Operating Temperature °C Max	60
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	1.7
Input Voltage (V)	For DC: 9 .. 36 VDC, Max: 260 mA, 2.4 W For AC: 24 VAC ±10 %, 50-60 Hz, Max: 100 mA, 2.4 W Recommended voltage: 24 VDC, Max: 100 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 ASCII IP & ASCII Serial Server 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	IN7004851K20000_ASCII_BAC
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99
Physical Features	
Connectors / Input / Output	Power supply, two EIA-485 ports, Ethernet, Console port USB Mini-B type, USB storage, EIA-232.
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

## BACnet/IP & MS/TP Client to ASCII IP & ASCII Serial Server Application

### Use Case



Integration example.



Use Intesis MAPS to change the protocol: BACnet, Modbus, KNX, or Home Automa on

## Specifications

- Item number: IN7004851K20000
- Integrate any BACnet MS/TP or BACnet/IP server device with an ASCII BMS or any ASCII IP or ASCII serial controller.
- 1200 points
- Commissioning-friendly approach with Intesis MAPS
- Supports ASCII Serial (232/485) and ASCII IP
- Personalized ASCII strings use

## Frequently Asked Questions (FAQ)


**Q: Does the gateway support both BACnet/IP and BACnet MS/TP devices?**

**A:** Yes, the gateway can integrate both BACnet/IP and BACnet MS/TP server devices.

**Q: Can personalized ASCII strings be used with this gateway?**

**A:** Yes, personalized ASCII strings can be utilized on this gateway.

## Documents / Resources

	<p><a href="#">Intesis IN7004851K20000 MS-TP Client to ASCII IP and ASCII Serial Server [pdf] Owner's Manual</a></p> <p>IN7004851K20000, A700000013971583, IN7004851K20000 MS-TP Client to ASCII IP and ASCII Serial Server, MS-TP Client to ASCII IP and ASCII Serial Server, ASCII IP and ASCII Serial Server, ASCII Serial Server, Serial Server, Server</p>
---	---

## References

- [User Manual](#)

## Related Posts



[Intesis INBACMBM1000000 Modbus TCP & RTU Master to BACnet IP & MS/TP Server Gateway User Manual](#)

Intesis INBACMBM1000000 Modbus TCP & RTU Master to BACnet IP & MS/TP Server Gateway User

Manual Integrate any...



[StarTech RS232 Serial Over IP Device Server User Manual](#)

RS232 Serial Over IP Device Server I23-SERIAL-ETHERNET shown Actual product may vary from photos

User Manual SKU#: I23-SERIAL-ETHERNET...

[Intesis BACnet IP Server gateway Installation Guide](#)

INBACPAN128O000 Panasonic VRF to BACnet IP Server gateway Order Code:



## [INBACRTR03200XX Intesis BACnet MS/TP to BACnet IP router Installation Guide](#)

INBACRTR03200XX Intesis BACnet MS/TP to BACnet IP router Installation Guide \*\* stands for the Intesis gateway

capacity and...

### Intesis

A700000013971583, ASCII IP and ASCII Serial Server, ASCII Serial Server, IN7004851K20000, IN7004851K20000 MS-TP Client to ASCII IP and ASCII Serial Server, Intesis, MS-TP Client to ASCII IP and ASCII Serial Server, Serial Server, Server

## Leave a comment

Your email address will not be published. Required fields are marked \*

Comment \*

Name

Email

Website

☐ Save my name, email, and website in this browser for the next time I comment.



**Post Comment**

**Search:**

e.g. whirlpool wrf535swhz

**Search**

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.