

KNX TP to ASCII IP & Serial Server Application

Item number: IN701KNX2500000

Integrate any KNX device or installation with an ASCII BMS or any ASCII IP or ASCII serial controller. This integration aims to make KNX communication objects and resources accessible from an ASCII-based control system or device as if they were a part of the ASCII system and vice versa.



KNX to ASCII IP & ASCII Serial - 250 points

Features and benefits

- ✓ **Easy integration with Intesis MAPS**
The integration process is quickly and easily managed using the Intesis MAPS configuration tool.
- ✓ **Commissioning-friendly approach with Intesis MAPS**
Templates can be imported and reused as often as needed, significantly reducing commissioning time.
- ✓ **Configuration tool and gateway automatic updates**
Both the Intesis MAPS configuration tool and the gateway's firmware can receive automatic updates.
- ✓ **Support for KNX TP devices**
The gateway supports KNX TP (twisted pair) devices.
- ✓ **Control up to 3000 KNX communication objects**
Up to 3000 KNX communication objects can be controlled by the gateway.
- ✓ **ASCII Serial (232/485) and ASCII IP support**
The gateway fully supports both ASCII IP and ASCII Serial (232/485).
- ✓ **ASCII bus automatic write request on value change**
When an ASCII value changes, the gateway automatically sends a write request to the ASCII bus.
- ✓ **Personalized ASCII strings use**
It is possible to use personalized ASCII strings on this gateway.



| 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 250 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

| | |
|----------------------------|---|
| 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 | IN701KNX2500000_ASCII_KNX |
| Country of Origin | Spain |
| HS Code | 8517620000 |
| Export Control Classification Number (ECCN) | EAR99 |

Physical Features

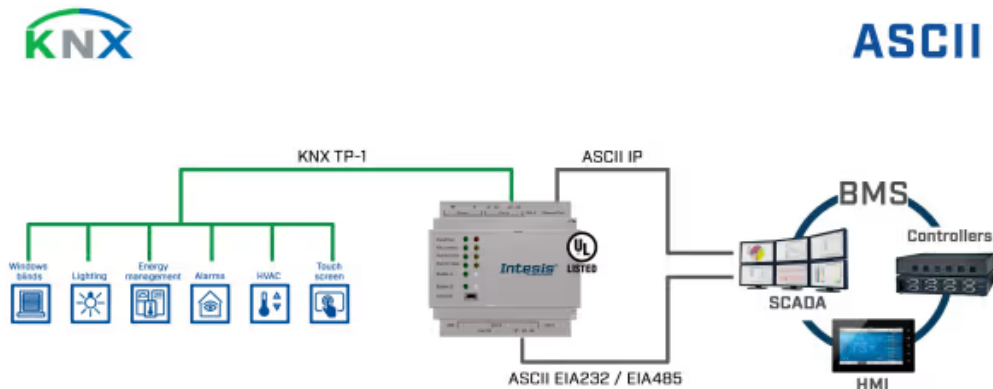
| | |
|-----------------------------|---|
| Connectors / Input / Output | Power supply, KNX, Ethernet, Console port USB Mini-B type, USB storage, EIA-232, EIA-485. |
| LED Indicators | Gateway and communication status. |
| Push Buttons | Factory reset. |
| DIP & Rotary Switches | EIA-485 serial port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

Certifications and Standards

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



Use Case



Integration example.



Integration example.