

## M-BUS to Modbus TCP & RTU Server Gateway

Item number: INMBSMEB0600000

Integrate any M-Bus device with a Modbus BMS or any Modbus TCP or Modbus RTU controller. This integration aims to make M-Bus devices, their registers, and resources accessible from a Modbus-based control system or device as if they were a part of the Modbus system and vice versa.



M-BUS to Modbus TCP & RTU - 60 devices

### Features and benefits

- ✓ **Up to six concurrent Modbus TCP clients supported**  
The gateway supports up to six simultaneous Modbus TCP clients.
- ✓ **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.
- ✓ **Embedded M-Bus level converter**  
An M-Bus level converter is embedded in the gateway, so no external one is required.
- ✓ **Support for both Modbus RTU and Modbus TCP**  
The gateway supports both Modbus RTU and Modbus TCP protocols.
- ✓ **Commissioning-friendly approach with Intesis MAPS**  
Templates can be imported and reused as often as needed, significantly reducing commissioning time.
- ✓ **Automatic meter detection and register discovery**  
A scan function is available for automatic identification of M-Bus devices and registers discovery.



General	
Net Width (mm)	88
Net Height (mm)	56
Net Depth (mm)	90
Net Weight (g)	159
Packed Width (mm)	127
Packed Height (mm)	86
Packed Depth (mm)	140
Packed Weight (g)	184
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Input Voltage (V)	24VDC +/-10%.
Power Connector	3-pole
Capacity	Up to 60 meters.
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.
Not Included (in delivery)	Power supply not included.
Mounting	DIN rail mount (bracket included), Wall mount
Housing Materials	Plastic
Warranty (years)	3 years



## General

<b>Packaging Material</b>	Cardboard
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## Identification and Status

<b>Product ID</b>	INMBSMEB0600000
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<b>Country of Origin</b>	Spain
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<b>HS Code</b>	8517620000
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<b>Export Control Classification Number (ECCN)</b>	EAR99
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## Physical Features

<b>Connectors / Input / Output</b>	Power supply, MBUS Plug-in screw terminal block, Ethernet, Console port USB, USB storage, EIA-232, EIA-485.
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<b>DIP &amp; Rotary Switches</b>	EIA-485 serial port configuration.
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<b>Battery Description</b>	Manganese Dioxide Lithium button battery.
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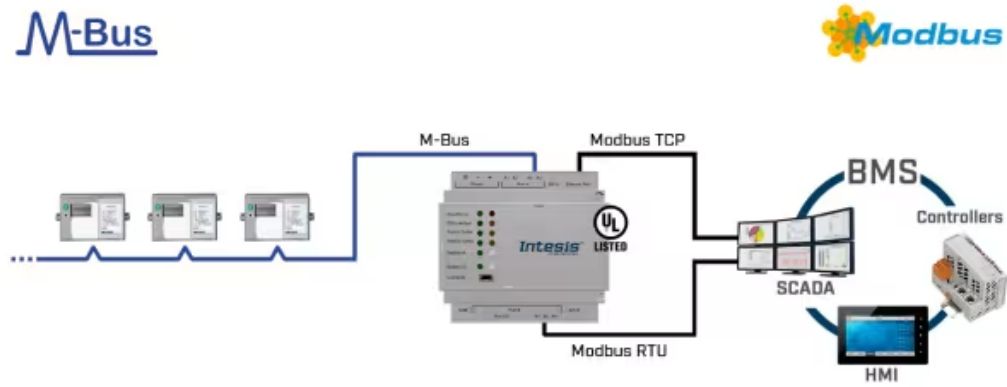
## Certifications and Standards

<b>ETIM Classification</b>	EC001604
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<b>WEEE Category</b>	IT and telecommunications equipment
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## Use Case



Integration example.