



M-BUS to Modbus TCP & RTU Server Gateway

Item number: INMBSMEB0100000

Used to integrate any M-Bus device with a Modbus BMS or any Modbus TCP or Modbus RTU controller. Please refer to the new product reference for further details.

Replaced by: IN702MEB0100000



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

Capacity	Up to 10 meters
Net Width (mm)	88
Net Height (mm)	90
Net Depth (mm)	58
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°
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	13
Input Voltage (V)	24VDC +/-10%.
Power Connector	3-pole
Configuration	Intesis MAPS
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 and 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	INMBSMEB0100000
Successor	IN702MEB0100000_MBS_MEB
Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

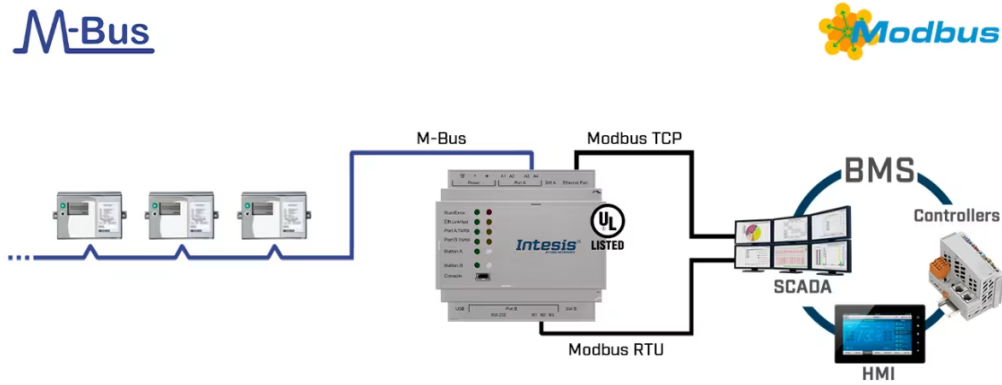
Connectors / Input / Output	Power supply, KNX, MBUS, Ethernet, Console port USB, USB storage.
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration.
Contains Battery	Yes
Battery Description	Manganese Dioxide Lithium button battery.

Certifications and Standards

Product Certifications	CE, CB, UKPSTI, UL, KC
WEEE Category	IT and telecommunications equipment



Use Case



Integration example.