

Modbus RTU to Modbus TCP Router

Item number: INMBSRTR0320000

Integrate devices in a Modbus RTU network with a Modbus TCP network transparently with our compact Modbus Router. This integration aims to make Modbus RTU devices, registers, and resources accessible to a Modbus TCP client BMS or controller.



Modbus RTU to Modbus TCP - 32 devices

Features and benefits

- ✓ **Up to six concurrent Modbus TCP clients supported**
The gateway supports up to six simultaneous Modbus TCP clients.
- ✓ **Commissioning-friendly approach with Intesis MAPS**
Templates can be imported and reused as often as needed, significantly reducing commissioning time.
- ✓ **Modbus diagnostic signals available**
Modbus diagnostic signals are available in both Intesis MAPS and also as Modbus registers.
- ✓ **Easy integration with Intesis MAPS**
The integration process is quickly and easily managed using the Intesis MAPS configuration tool.
- ✓ **Up to 32 full-load RTU devices supported**
The gateway supports up to 32 simultaneous full-load RTU devices.



General	
Net Width (mm)	53
Net Height (mm)	93
Net Depth (mm)	58
Net Weight (g)	92
Packed Width (mm)	120
Packed Height (mm)	80
Packed Depth (mm)	100
Packed Weight (g)	295
Operating Temperature °C Min	0
Operating Temperature °C Max	60
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Power Consumption (W)	1.3
Input Voltage (V)	9-36 VDC / 24 VAC / 50-60 Hz / 0.140 A / 1.7 W
Power Connector	3-pole
Configuration	Intesis MAPS
Capacity	Up to 32 devices.
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 and installation manual.



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	INMBSRTR0320000
Country of Origin	Spain
HS Code	8517620000
Export Control Classification Number (ECCN)	EAR99

Physical Features

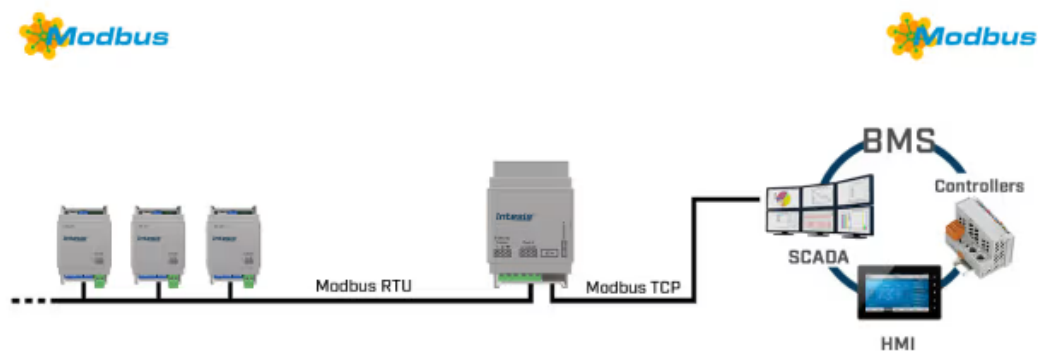
Connectors / Input / Output	Power supply, EIA-485, Ethernet.
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration.

Certifications and Standards

ETIM Classification	EC001604
WEEE Category	IT and telecommunications equipment



Use Case



Integration example.