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.

Modbus RTU to Modbus TCP Router

General

Capacity	Up to 32 devices
Net Width (mm)	53
Net Height (mm)	93
Net Depth (mm)	58
Net Weight (g)	120
Packed Width (mm)	135
Packed Height (mm)	85
Packed Depth (mm)	100
Packed Weight (g)	140
Operating Temperature °C Min	0º
Operating Temperature °C Max	60º
Storage Temperature °C Min	-30
Storage Temperature °C Max	60
Input Voltage (V)	9-36 VDC / 24 VAC / 50-60 Hz / 0.140 A / 1.7 W
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 and installation manual.
Not Included (in delivery)	Power supply not included.

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General

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
Dual Usage	No

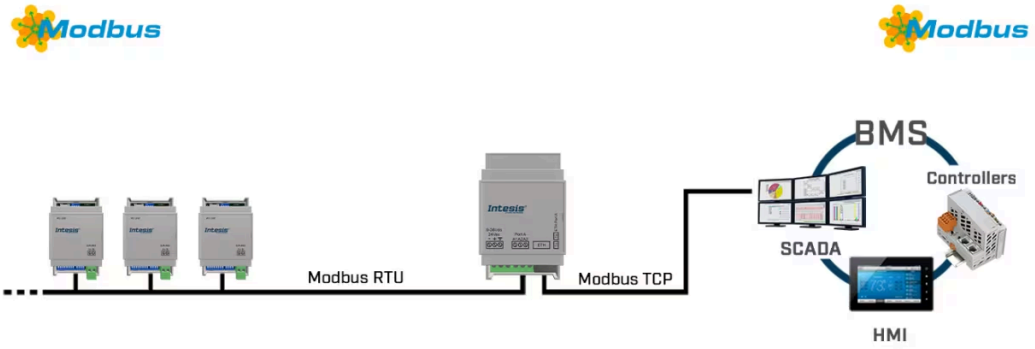
Physical Features

Connectors / Input / Output	Power supply, EIA-485, Ethernet.
LED Indicators	Gateway and communication status.
DIP & Rotary Switches	EIA-485 serial port configuration.
Contains Battery	No

Certifications and Standards

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

Use Case



Integration example.