

LoRaWAN gateway

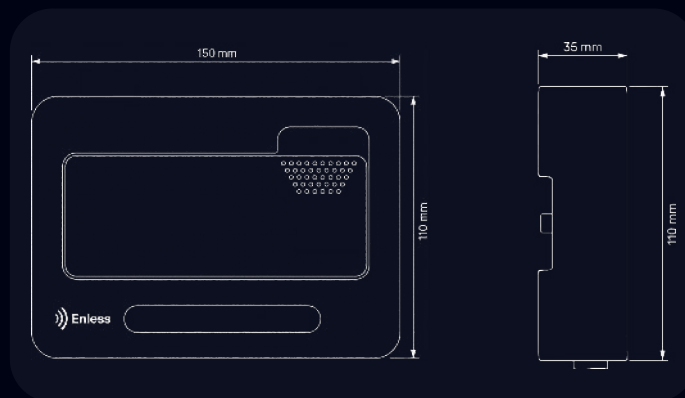
RX LORAWAN 500-602



Description

The Enless LoRaWAN gateway is designed to communicate with Enless sensors as well as LoRaWAN sensors from other manufacturers. It natively converts data from Enless sensors into Modbus tables or BACnet objects for availability on your BMS. Integration of third-party sensors is done through the addition of codecs. A gateway that is resolutely BMS-oriented, versatile, open, and powerful.

Dimensions



Radio

Protocol	LoRaWAN
Frequency	EU868 (868MHz)
Radio capacity	Can manage up to 500 sensors
Radio antenna	ANT REN SMA LR 1000-008 (not supplied)
Interoperability	Compatible with any LoRaWAN EU868 sensor Enless sensors natively integrated and decoded
Encryption	AES128 in LoRaWAN mode

Features

Protection index of the enclosure	IP60
Installation	DIN Rail mount Wall mounting
Operating temperature	-20 / +55°C
Antenna connector	SMA
Power supply	12 - 24V AC/DC (terminal blocks or jack)
Wiring	Removable terminal blocks

Configuration

LoRa Network Server (LNS)	Embedded in the gateway
Access to the configuration server	Default IP address (can be changed) DHCP function available
Configuration server security	HTTPS Password
Enless sensors	Natively decoded and converted into Modbus tables or BACnet objects
Sensors from other brands	Creation of decoders and necessary mapping
Support	Debug logs

Communication protocols

Modbus	Modbus TCP/IP and RTU RS485 Line termination resistance available Supports a TCP client
BACnet	BACnet IP and MSTP Profile B-ASC

Certifications

