

LoRa Easy HTTP Receiver

RX HTTP 500-322

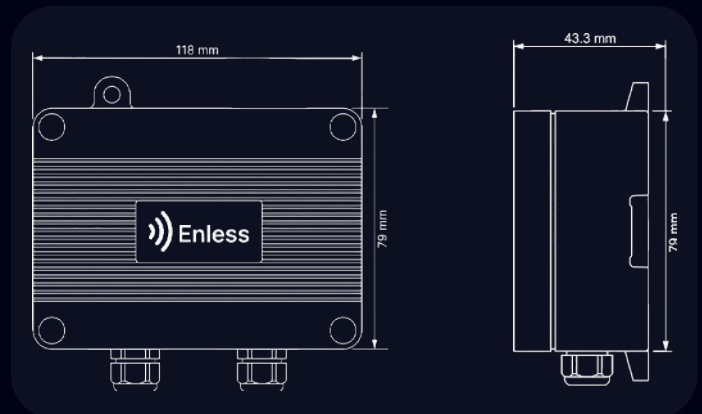


HTTP

Description

The HTTP receiver has been designed to allow you to post data from your Enless sensors directly to an HTTP server. All this data is transmitted in standardized JSON format. The HTTP receiver integrates perfectly with the Niagara framework. A driver is available to facilitate the integration of the receiver on Niagara.

Dimensions



Radio

Protocol	LoRa Easy (Enless proprietary protocol)
Frequency	EU868 (868MHz)
Radio capacity	Can manage up to 50 Enless sensors
Radio antenna	ANT REN SMA LR 1000-008 (not supplied)
Signal repeaters	Can receive data from a LoRa Easy repeater (RX REPEATER 600-301)
Encryption	No encryption

Features

Enclosure protection rating	IP60
Installation	DIN Rail mount (DIN RAIL 1000-005 accessory) Wall mounting
Operating temperature	-20 / +55°C
Antenna connector	SMA
Power supply	7.5 - 24V DC (typ. 12V 1A)
Wiring	On terminals (non-removable)

Configuration

Configuration server	Sensor pairing Viewing received data Configuration of the HTTP endpoint address
Access to the configuration server	Default IP address (can be changed) DHCP function available
Configuration server security	Option to set up a password
Sensors	Enless sensors are natively recognized. Frames are posted to an HTTP server in JSON format.

Communication protocol

HTTP POST	Sending sensor data in JSON format
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Certifications

