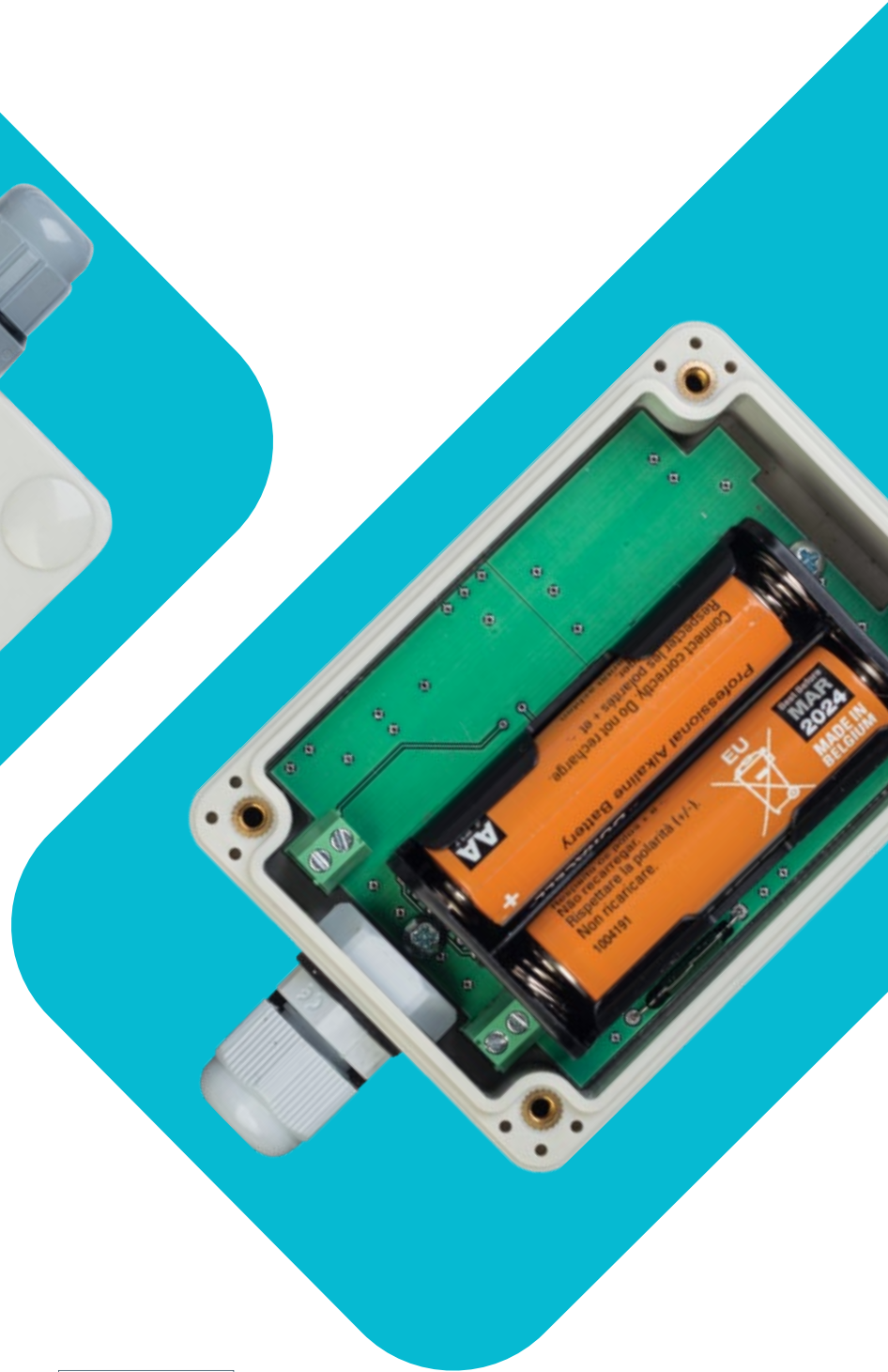# THINGSLOG

LoRa/LoRaWAN data logger
LPMDL-1103

LoRa/LoRaWAN data logger LPMDL-1103

LPMDL-1103 is a LoRa / LoRaWAN data logger able to monitor pulse output meters

Applicable for

》 **Electricity, gas and water**

consumption monitoring and control

Meter requirements

》 Pulse output needed

Features

✔ Frequency bands 434/868 MHz

✔ Up to 2 pulse inputs

✔ 2 spare ON/OFF inputs or outputs

✔ Data transmission over LoRa/LoRaWAN network with up to 15 km of reach

✔ Ability to meter two water/gas or electricity meters simultaneously

✔ Ability to meter every 5 minutes and transmit every couple of hours

✔ IP68 level of moisture and dust protection

✔ Over-the-Air reconfiguration

✔ Data is exposed through a REST API

Integrated with The Things Network / The Things Industries

Batteries

» Either with a battery holder for 2x1.5 V replaceable batteries (battery is not included, battery life 6 years or 6000 transmissions)

» Or with 1x3.6 V A size soldered Lithium battery (battery is included, battery life **10 years** or **12,000** transmissions)

Logger Certification

ThingsLog Platform

Remote consumption monitoring of water, gas and electricity.

Consumption monitoring as a service

Data management of meter / sensor readings

Device management and configuration

Battery and signal level monitoring

Data visualisation and analysis

REST API interface for integration with other platforms

Alarms and notifications

User friendly UI and app

Self documented REST API interface:

https://iot.thingslog.com/swagger-ui.html

Additional Services Upon Request

Initial set-up

Professional services

Third-party systems integration

Training

Device pre-provisioning

LoRa/LoRaWAN data logger
LPMDL-1103 Ordering Options List

ORDERING CODE	DESCRIPTION
LPMDL-1103-1reed	Single reed pulse input
LPMDL-1103-1S0	Single S0 pulse input
LPMDL-1103-2reed	2 reed pulse inputs
LPMDL-1103-2S0	2 S0 pulse inputs
LPMDL-1103-1reed-1S0	1 S0 and 1 reed pulse inputs
LPMDL-1103-2-2-2	2 reed or S0 pulse inputs, 2 analog inputs, 2 ON/OFF

≫ Reed pulse input is a Voltage free input port suitable for meters with "dry contact" or "passive contact" pulse outputs

≫ S0 pulse input port is an open collector input for meters pulse with outputs as per EN 62053-31

Delivery Terms

≫ **30 Days** for 100+ QTY

≫ **10 Working Days** for a Sample delivery

≫ **EXW**

Package

≫ Each device is offered with **a cable** (length options: 1, 2 or 3 meters and price: € 1 per meter) **or without a cable**

≫ **Batteries** - optional

ThingsLog Platform
Subscription

Subscription packages are reading based

A reading is one digit read from a meter or sensor

Package options are:

| **10k** | **100k** | **1M** | **10M** | **100M** |
| 10 thousands readings per year | 100 thousands readings per year | 1 million readings per year | 10 million readings per year | 100 million readings per year |

Subscription packages count for all customer's data loggers, e.g one subscription package spans across many loggers

SUBSCRIBTION PACKAGE	NUMBER OF READINGS
10K	10 000
100K	100 000
1M	1 000 000
10M	10 000 000
100M	100 000 000

If you don't see your package don't hesitate to ask for a custom option on

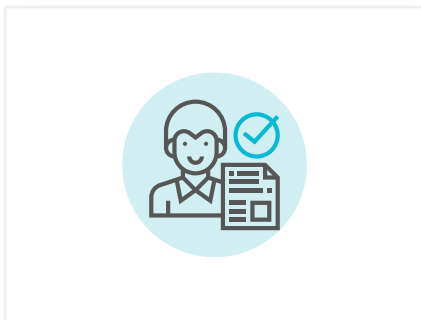**sales@thingslog.com**

How to calculate platform subscription

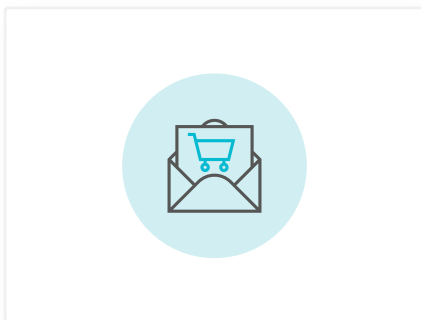| NUMBER OF DEVICES	READING INTERVAL	READINGS	PROPER PACKAGE
100	15 minutes	4 readings per hour 96 readings per day 35040 readings per year	Between 1M and 10M
100	1 hour	24 readings per day 8760 readings per year	1M package

How to order

Step 1.

Choose the right data logger for your business case

Step 2.

Define your initial subscription package

Step 3.

Send us a purchase order **sales@thingslog.com**