

SimplePack



It is a device that integrators can build their solutions upon.

- Simple
- Long-lasting
- Small
- Reliable
- Cheap
- Cool
- Waterproof



It is simple. It contains only:

- Assembly language programmed MCU
- Accelerometer
- LED diode
- Clicking button with haptic feedback
- Sigfox modem
- Antenna
- Non replaceable, non rechargeable, long lasting battery

It is cheap. 15 Euro / 18 USD in any quantity

- Project price calculation above 10 000 pieces
- Possibility to reprogram the firmware (if needed) at 5000 pieces order
- Packaged in nice, small, waterproof case
- Space for branded sticker/UV print branding/two sided tape
- Mass-manufactured and tested in the Czech Republic



The device can be remotely configured for 6 different modes depending on the needs of a particular use case



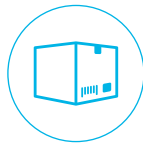
Press (button)

ordering, notify, control or alert worldwide (ordering / panic / remote control button)



Track

location tracking of any movement / impact (luggage, pallet, asset)



Trace

real time journey tracing of a package and any impact



Guard

notification of any movement or bang (door, drawer, car, bike, house)



Turn over

monitor overturn of any object, control through flip (garbage bin, container, road sign)



Maintain

monitor run times and level of vibration of any engine

- Distinguish long press / short click / double click
- Set up vibration sensitivity threshold level

Technical Data:



Chewing gum pack is 69x23x12mm, 19 cm³, 16g

- Temperature range: -20°C to +60°C
- Waterproof through glue and no openings (currently no official IP rating - can be done on request)
- Battery type and capacity: Primary LiMnO₂ (non rechargeable, non replaceable) 550 mAh
- Longevity in guard mode: 10 years
- Minimum number of messages: 3600
- Open and documented API. Over 50 functions and parameters remotely configurable by integrator
- Due to small size the radio performance is currently Class 1

Timing:

- RC1 and RC3 in stock
- RC2 and RC4 samples April, final May (slightly larger battery and case)

We don't provide any SW platform. We provide only a demo platform to showcase the possibilities plus instructions how to integrate into common IoT platforms.

Brought to you by Simple Hardware and proudly produced in the Czech Republic.