

LPN Multi-Sensor 3

Highlights

- Compact and easy to mount
- LoRa® Class A
- Lots of sensors
- USB for setup
- Approx. 10 km range



RF Performance

- 14 dBm TX-Power
- -137 dBm RX-Sensitivity
- Approx. 10 km range

Interfaces / Sensors

- Magnetic Sensor
- Light sensor
- Temperature and Humidity Sensor
- External contact Input
- Microphone
- Accelerometer
- GPS Sensor
- Two Pushbuttons
- USB (for LoRa Setup)

Power supply

- 2 x AA Battery

Indicators

- One Status LEDs

Mechanics

- Housing: ABS
- Dimensions (L x B x H) 104 x 62 x 27mm

Environment

- Protection class IP20
- Operating temperature -25°C to +60°C
- Storage temperature -40°C to 85°C
- Rel. humidity 0% to 95% (not condensing)

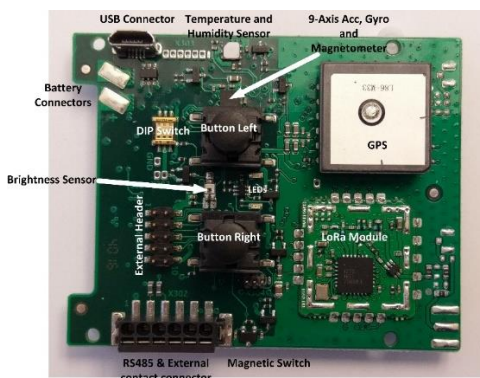
Reference

- LPN Multi-Sensor 3 technical manual

Norm & Safety

- EN 62368-1

Supply, Communication & Indicators



Pin Nr.	Pin description	Signal
1	+24VDC	Input
2	RxTx+ (Modbus RS-485)	Input/Output
3	RxTx- (Modbus RS-485)	Input/Output
4	GND	Input
5	External contact Input	Input for potentially free contact
6	+3.3V	Internal Supply

(Look up technical manual for more information)