

### General specifications

- **Name:** Modem HW v5.1
- **Size:** 30x30x60mm
- **Weight:** ~ 20g - with housing
- **Power:** 5V, supplied via Micro-USB cable
- **Radio frequency band:** 868/915MHz
- **Radio output power:** <10 mW (<10 dBm)
- **Ports:** Micro-USB port

### Interfaces

- UART
- SPI
- Virtual UART via USB

### Supported Accessories

- Antenna Full-size

### Applications

- Industrial (Forklift/people tracking, factory automation)
- Healthcare (locate assets, patients & staff)
- Retail (security, navigation, customer analytics)
- Consumer (connected home, sports analytics)
- Distance measurement indoors



### Overview

- The modem is the system's central controller and must always be active when the system is running.
- Modem's hardware supports up to 250 beacons – mobile + stationary in any combination.
- Modem is used to set up the system, monitor it, and interact with the Dashboard