

Hardware Design

Main PCB

4S2P@6V/6400mAh
Cell size:8cells

Non-rechargeable/No DC-jack

R/G/B: Battery
Red: LOCK
Yellow: BT

For Power on
ON Button

LEDs*3

Speaker

flash

MCU
Nordic 52833

ASR-1603
UART3
UART1
UART2
PWKEY
Reset

LoRA
SX1262

HALL SENSOR

G-sensor

Pressure-sensor

LOCK tamper

Battery case tamper

LEDs*2

SIM
(optional)

TYPE-C
For debug

Frequency band:903~927.5MHz

Green: CELL
Orange:GNSS

