



# Product Overview

- **Precise Positioning** Continuously communicates with nearby anchors to determine the user's real-time indoor location using UWB signal triangulation.
- **Plug-and-Play Use** Given to customers after ordering; no pairing or setup required.
- **High Battery Efficiency** Built-in rechargeable battery provides extended usage with optimized signal broadcasting intervals.
- **Portable Design** Compact and lightweight, designed to be carried by the customer throughout their visit.



# General Specifications

Dimensions	88 x 88 x 29,5 mm
Weight	132 g
Battery Life	1 year
Charging Interface	220 VAC- 5 VDC Adapter
Communication	Ultra Wide Band (~6.3 GHz)
Additional Features	10 devices can be charged at once.
Sensors	Voltage Sensor, Accelerometer, Gyroscope
Materials	PLA, PETG
Maximum Communication Distance	625 m <sup>2</sup> (25 m x 25 m, line-of-sight)
Alert Mechanism	Buzzer

## Power

Battery Type	1S Lithium-ion
Battery Capacity	3500 mAh
Dismountable Battery	No
Charging Input	5 VDC
Charging Time	3h

## Environment

Operating Temperature and Humidity	0 - 40°C, RH: 20% - 80%
Operating Environment	Indoor environment, flat ground

# Technical Drawings

