

Introduction Kit



The RTLOC Introduction kit for ultra-wideband (UWB) contains everything you need to start with indoor localization and adhoc ranging. It allows for scalable solutions in a wide range of industries such as sports, industry (4.0), retail and more.

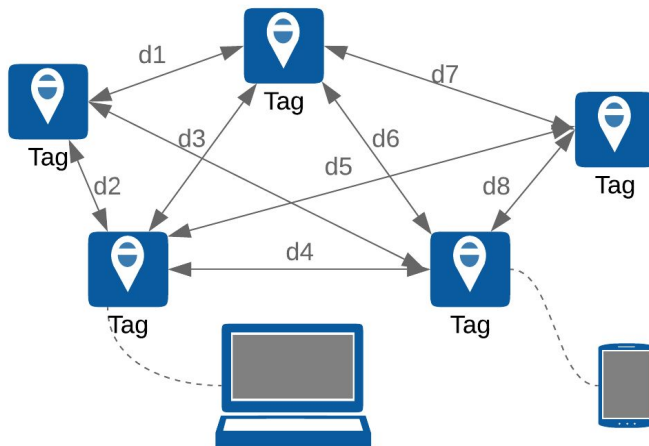
System components (included in the kit):

- 10 UWB devices (DWM1001-Dev), which can be used either as tag or anchor
 - Powered by micro-USB or LiPo battery
 - Communication via BLE
- USB cables
- Mounting accessories
- RTLS app access

Features

- 5-30cm accuracy
- Typical wireless range of 30 m, four anchors can cover a space of up to 1000 m²
- BLE device read-out and/or configuration
- Flexible use of tags/anchors, in an ad-hoc ranging setup to measure distances between tags or RTLS setup to retrieve coordinates of the tags.

Ad-hoc ranging scheme



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Get started

Check out the docs at docs.rtloc.com for a full guide on installation and configuration.

What's next?

This kit can get you started with (indoor) RTLS. As your project develops and grows, you may however have specific needs (fixed PoE anchors, CAN bus integration, custom casings). Get in touch to discuss further enhancements to your project.

Note: The devices provided in this kit can be re-used in a larger (full) RTLS deployment.

RTLS scheme

