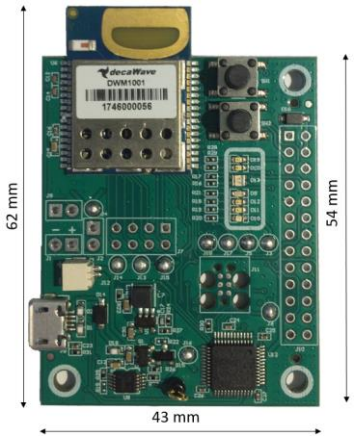
Overview



- Development board for Decawave DWM1001 module
- Can be used to evaluate hardware performance as anchor, tag or gateway and build an evaluation Real Time Location System

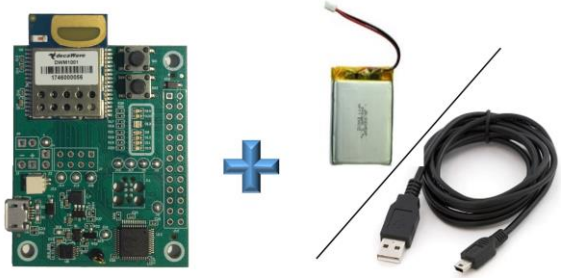
Features & Benefits

- Supports UWB & *Bluetooth®*
- J-Link on-board for debug and flashing via USB
- Access to all DWM1001 GPIOs and interfaces via on board headers
- 26-pin Raspberry PI compatible header (header not included)
- Reset and user-defined buttons and LEDs
- Battery Charging circuit
- PANS firmware for DWM1001:
    - Flexible software architecture allowing UWB based RTLS application
    - Software APIs for application customization
    - Module APIs for configuration and interfacing over SPI, UART, BLE

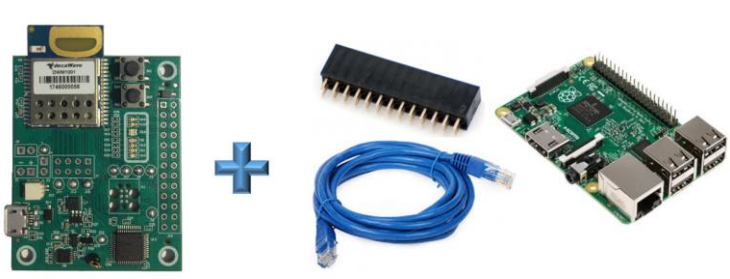
Power Sources

- USB Cable (included) to a PC, power supply or battery bank
- Battery connector (included) for an external Li-Po battery (battery not included)

Build an Anchor or a Tag

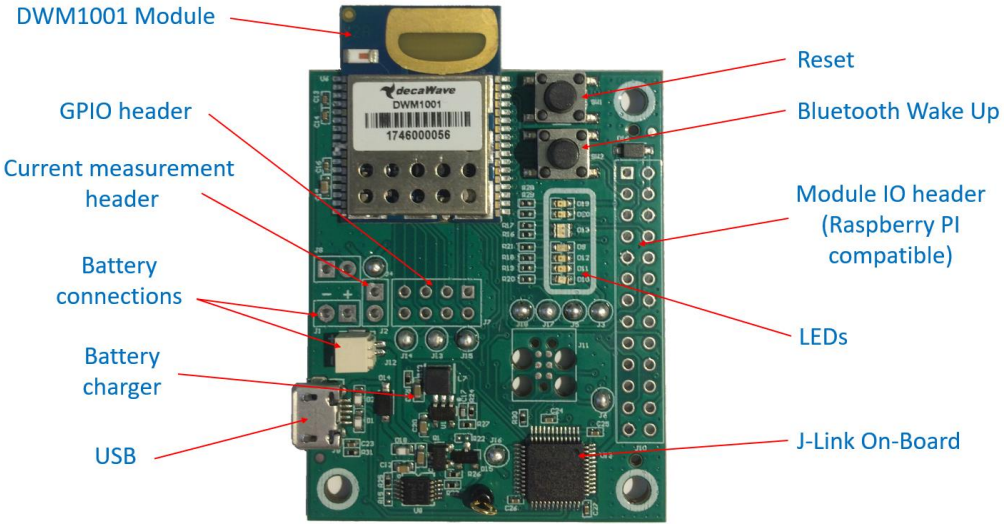


Build a Gateway

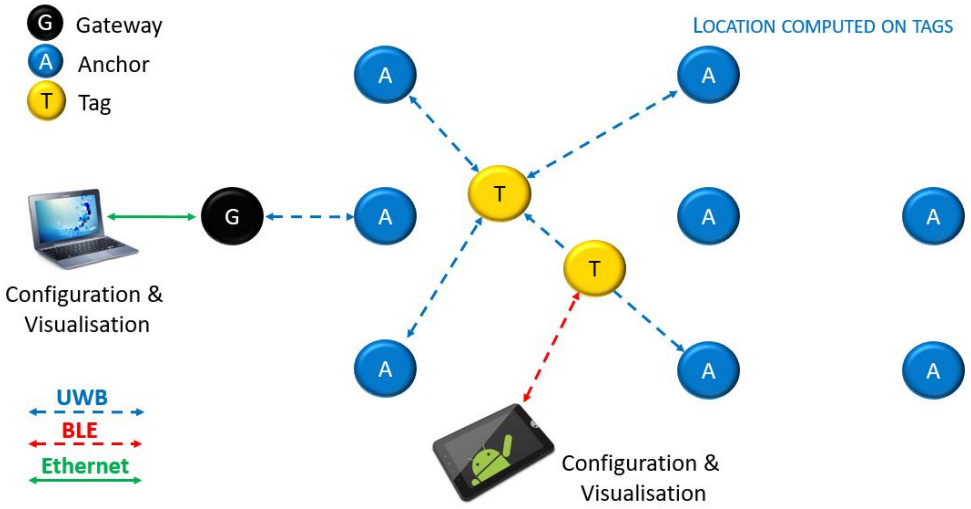


Technical Data

- Dimensions: 62 mm x 43 mm



Full RTLS System using the DWM1001-DEV in Anchors, Tags and Gateway



Complementary Products

- MDEK1001: Development and evaluation kit: 12 units
- Decawave software for DWM1001: PANS, DRTLS Manager, DRTLS Gateway Application

Get Started:
- Learn more at: www.decawave.com/products
- Download the RTLS SW www.decawave.com/product/dwm1001-development-board/

Join the community:
- http://www.decawave.com/decaforum/