

## radino 40 DW1000 USB-Stick

The In-Circuit DW1000 USB-Stick combines a radino 40 DW1000 module with a UWB- and a Bluetooth®-antenna and USB-A plug to form a compact USB device.

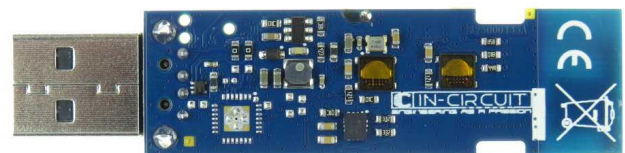
### Features

- radino 40 DW1000 module
- USB-A plug
- UWB chip-antenna & Bluetooth® -antenna
- 3 user LED (free configurable)
- Input voltage: 5 VDC (USB)
- Onboard 3.3V regulator
- Dimensions with enclosure (LxWxH): 73x25x11 mm
- Reset- and user-button
- 6-Pin TC2030 TCX Plug-of-Nails™ SWD connector for programming and debugging



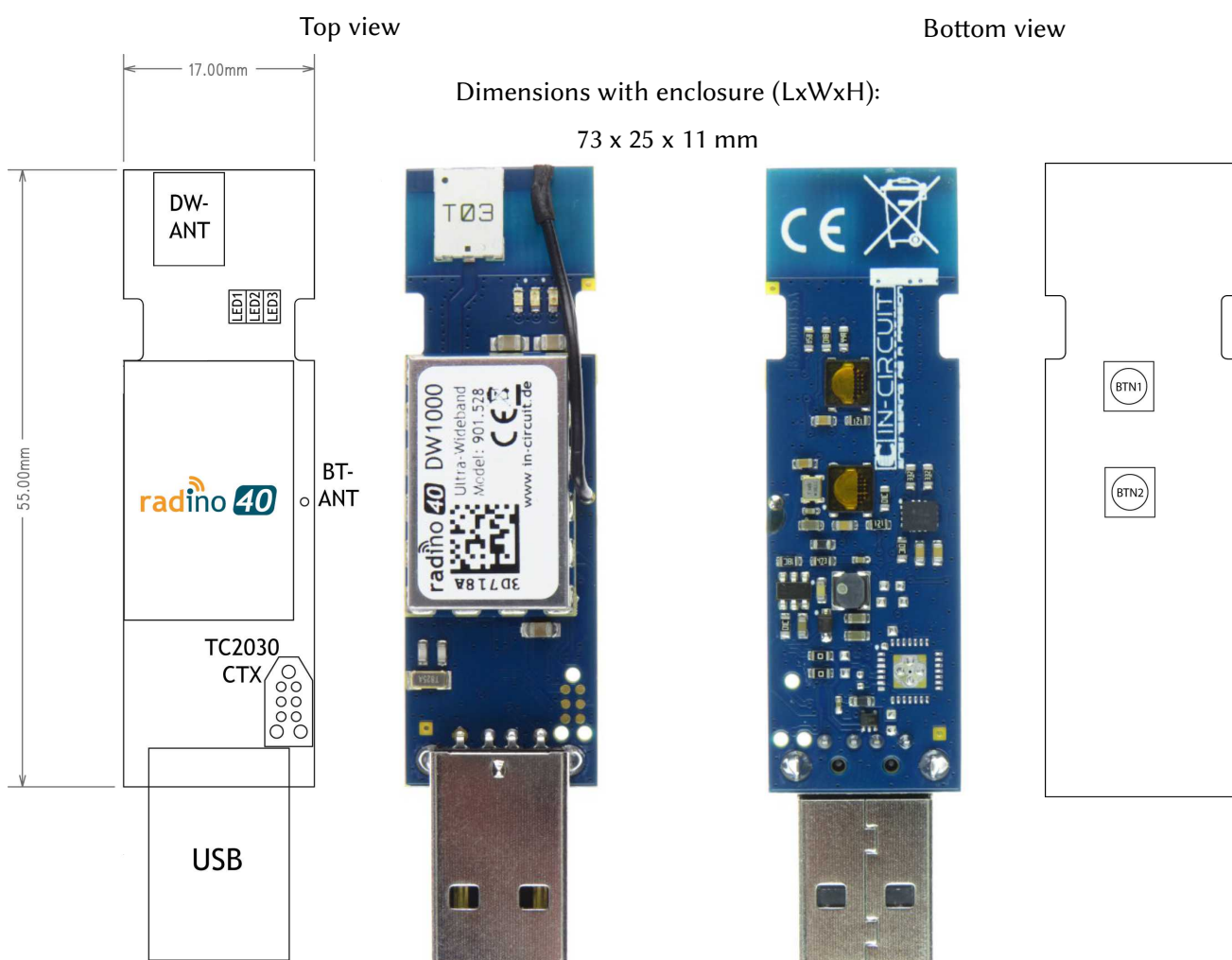
### Applications

- Precision real time location systems (RTLS) using two-way ranging or TDOA schemes in a variety of markets:
  - Healthcare
  - Consumer
  - Industrial
  - Other
- Location aware wireless sensor networks



For more information visit:  
<http://www.in-circuit.de/>  
<http://www.radino.cc/>

## Pinout and dimensions

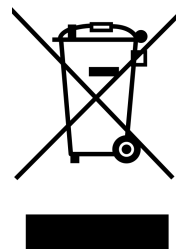


Element	Description
DW-ANT	DW1000 chip-antenna
BT-ANT	Bluetooth®-antenna
TC2030TXC	6-Pin TC2030 CTX Plug-of-Nails™ SWD connector
USB	USB-A plug
LED1	LED blue, connected to radino40 pin 52/P1.04
LED2	LED green, connected to radino40 pin 25/P1.01
LED3	LED red, connected to radino40 pin 53/P1.06
BTN1	User button connected to radino40 pin 16/P0.13/BSL
BTN2	Reset button connected to radino40 pin 11/P0.18/RST

## Ordering Information

Part	Ordering Code	MOQ	Package
radino40 DW1000 USB-Stick	901.549	1	Single device in anti-static bubble bag

**RoHS / WEEE compliant**  
 WEEE-Reg.-Nr. DE 17225017



Version	Date	Changes	Editor
A	2018/11/29	Initial version	Klause