



STARTER KIT – ACCURATE LOCATION

Ultra wideband (UWB)



Indoor/Outdoor

Available for **indoor** or **outdoor** environments



Range up to 150 m and possibility to cover **multizones**



Accurate 2D positioning: 10-30 cm



Fast motion tracking: data rate up to 100 Hz



Integrated **IMU**

Components

- 4 anchors (75*55 mm) with «Kodak » Screw Thread
- 1 mobile USB dongle (also exists in other format)
- 4 USB cables
- 5V Power banks
- Configuration and Visualization Software
- Tutorial "Geoloc Indoor"
- User guide

Applications

- Mobility as a Service (MaaS):** location for robots, vehicles, UAV, items or persons
- Supply Chain Tracking (ATS, MES):** system for warehouse, industry or transport sector
- Healthcare** tracking for hospital or nursery
- Sport** measurements for competition or handicap support



« RTLS BY IIDRE »

CONFIGURATION / SUPERVISION / MONITORING SOFTWARE

- 📍 Intuitive configuration of UWB parameters
- 📍 Infrastructure configuration / mapping management
- 📍 Direct visualization and configuration with Terminal emulator and USB device
- 📍 Real Time Supervision of the position
- 📍 Generation of **synchronized graphics** (anchors data control)
- 📍 Generation of **log files** (Matlab® and Octave® compliant)
- 📍 **Tutorial** for indoor location, multilateration, Two Way Ranging (TWR), Line of sight (LoS), etc

Supervision software from Github

CHAN	PRF	TRXcode
1	64	9

BR	PLEN	PAC
6800	128	8

```
+DPOS:2787623,1565099D,40,119,0,5551C189,10,0,200,294,1000,-79285
+DPOS:2787627,1565099D,40,119,0,15519580,420,10,200,478,229,-78969
+DPOS:2787630,1565099D,40,119,0,1551C598,428,260,100,499,9,-79212
+DPOS:2787649,1515922E,90,308,0,15519580,420,10,200,425,1000,-79866
+DPOS:2787654,1515922E,90,308,0,1551C598,428,260,100,319,9,-80725
+DPOS:2787669,1515922E,91,308,0,5551C189,10,0,200,297,1000,-79755
```

Putty extract with USB device

