BU04 Positioning module FAQ

What chip scheme does BU04 use?

A: BU04 built-in a DW3000 UWB RF front-end chip, plus a STM32F103C6T6 main control.

BU04 is composed of antennas?

A: BU04 adopts dual antenna design, which is divided into two types: on-board and external, among which on-board is directional antenna and oriented.

Does BU04's antenna design affect accuracy?

A: Impact, the use of different antennas need to be re-calibrated correction, and must be fixed.

Does BU04 support low power consumption?

A: The current design does not support low power, because the master is not low power, so it does not meet the low power design.

What applications is BU04 suitable for?

A: Divided antenna form, the default on-board suitable for following, with Angle measurement.

What algorithm does BU04 use?

A: Using PDOA algorithm, dual antennas, point-to-point positioning.

What is the use of BU04-kit's two type-C?

A: The port marked with USB is used to communicate with the host computer, and the port marked with TTL is used to configure AT instructions.

Can the serial port of BU04 output location information?

A: No, the serial port is used for AT command communication, usb is used to output ranging information, and the host computer communication, coordinate calculation, complete the positioning function.

BU04 的上位机可以直接配置模块参数吗？

答：可以在上位机直接配置部分模块参数。

BU04 的可以直接输出测距数据吗？

答：usb 口可以输出测距信息，不过它是 16 进制数据。