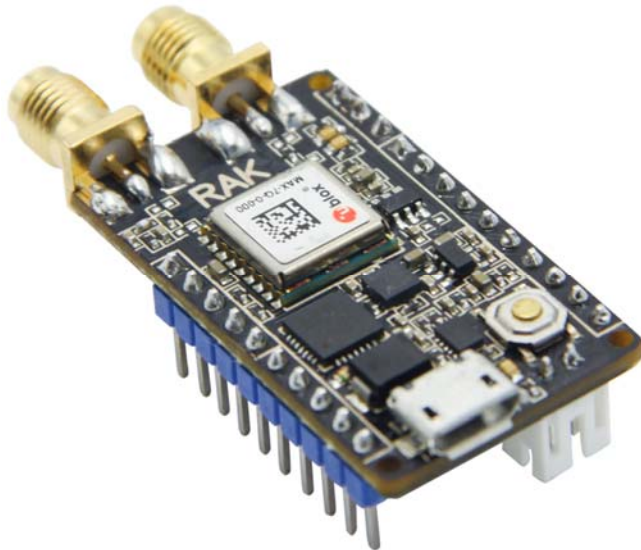# RAK811 LoRa / LoRaWAN Tracker Board and Wireless Remote Positioning Solution with MAX-7Q GPS Module and MEMS Sensor (SX1276 based)

RAK811 TrackerBoard is a wireless remote positioning solution based on RAK811 + GPS + MEMS. The RAR811 TrackerBoard uses the latest LoRaWAN1.0.2 protocol and supports LoRaWAN working mode, allowing users to conveniently link to the LoRaWAN network.

RAK811 TrackerBoard is an open all source code products, users can github find all the source code. About parameter configuration, the user can use the source code to develop their own serial AT command, can also be set directly in the program.

RAK811 TrackerBoard battery-powered, greatly increasing the product's application scenarios, in the outdoors can be very easy to use. Built-in 3D acceleration chip, you can detect the user's motion status, determine the device is stationary, it will enter the low-power mode, reducing the overall power consumption and increase battery life. The device with the data visualization interface provided by the Cayenne platform, allowing users to easily know their own trajectory. View your location in real time.

The difference between the RAK811 TrackerBoard and the RAK811 SensorNodeBoard is GPS, and the others are the same.