RoKiX Sensor Node Bluetooth Quick Start Guide

This guide shows how to set-up a wireless BLE connection to the *RoKiX Sensor Node* using the *RoKiX Windows GUI*. The latest release of the *RoKiX Windows GUI* can be downloaded via the link: Latest release. After installation, the *RoKiX Windows GUI* is located in `\Documents\RoKiX\RoKiX-Windows-GUI\RoKiX.exe`

The *RoKiX Sensor Node* is shipped with a pre-installed bootloader and *RoKiX Firmware*, for programming and updating see instructions in section 4.3.1 in the *RoKiX IoT Platform User's Guide*.

When using the *RoKiX Sensor Node* with a Windows Bluetooth connection, pairing is needed. First, please ensure Bluetooth is enabled on your PC. The pairing with Windows is done with the following steps:

1. Go to Control Panel\All Control Panel Items\Devices\Bluetooth & other devices
2. Add Bluetooth or other device
3. Choose Bluetooth
4. Choose "RoKiX_<MAC address>"
5. Next
   >>A LED light on the RoKiX Sensor Node should turn green during the device installation

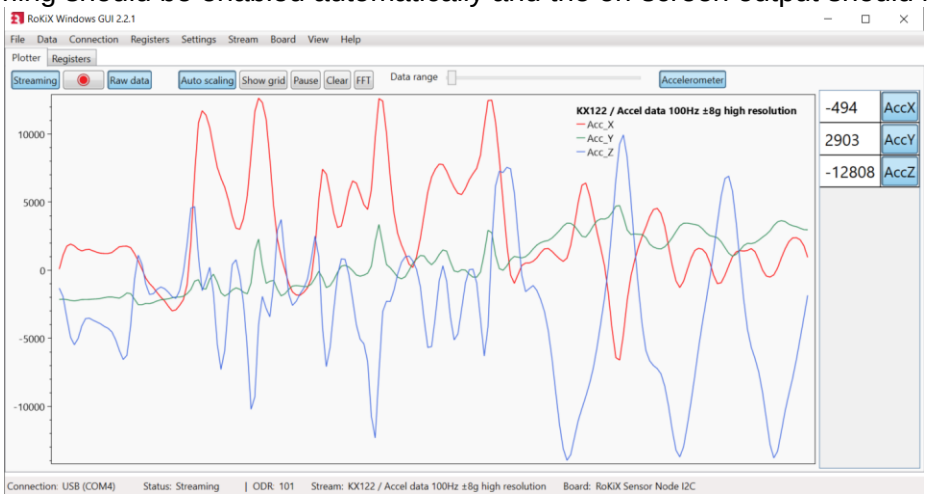
If the pairing succeeded, the "RoKiX_<MAC address>" device is visible in the "Other devices" - section of "Bluetooth & other devices". Note that the device name "RoKiX_<MAC address>" is shown as an example, how-ever, many other names exist as diverse HW and firmware versions are supported. During Bluetooth pairing with Windows 10, the status LED in the node will change from red to green for a few seconds, but turn to red again until the *RoKiX Windows GUI* is started and an active connection is maintained.

When multiple Bluetooth devices are paired with Windows, you can select the used device in the "Paired BLE devices" – list in the Settings menu of the *RoKiX Windows GUI*.

To get the device connected with the *RoKiX Windows GUI*, the following settings must be done from the application menu:

- Select the connection type from Connection menu: **Windows BLE**
- Select the board configuration from Board menu, e.g.: **RoKiX Sensor Node / I2C**
- Select the device data stream from Stream menu,
  e.g.: **KX122 / Accel data 100 Hz ±8g high resolution**

Finally, data streaming should be enabled automatically and the on-screen output should look similar to this:



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