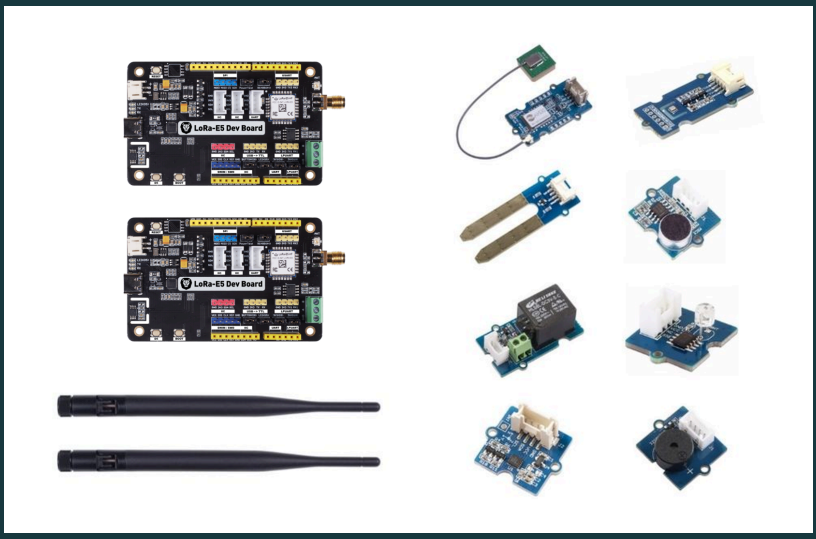
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INDUSTRIAL PRODUCT DATASHEET

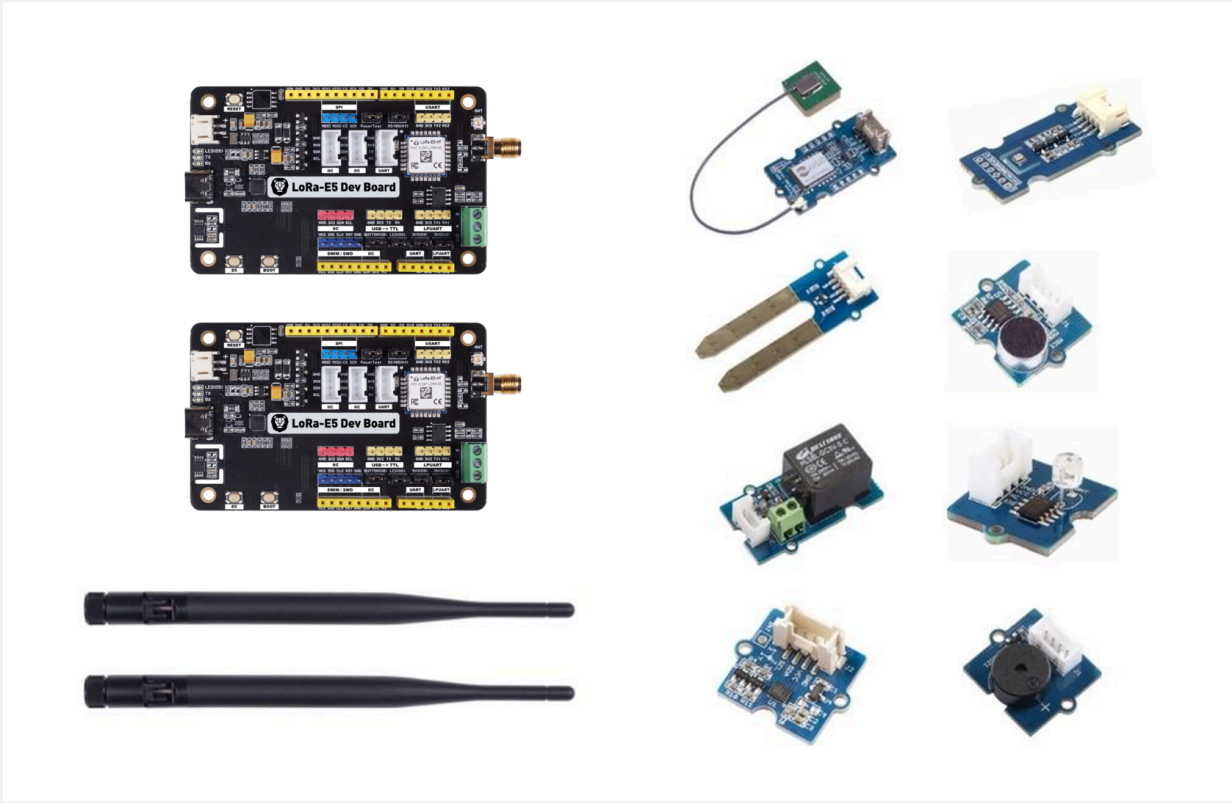
LoRaWAN Developer Kit with Wio E5 Developer Kit: Develop more possibilities with Helium LongFi Network, compatible with SenseCAP M1

A compact developer kit with dual Wio-E5 modules for building long-range LoRaWAN applications across global frequencies, compatible with SenseCAP M1 gateway.

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Overview



The LoRaWAN Developer Kit includes two Wio-E5 development boards for rapid prototyping of long-range, low-power IoT applications. It supports global LoRaWAN® frequency bands (EU868/US915/AU915/AS923/KR920/IN865) and is fully compatible with the SenseCAP M1 Indoor Gateway.

Key Features

- Fully compatible with SenseCAP M1 LoRaWAN Indoor Gateway (US915/EU868)
- Global LoRaWAN® frequency band supported including EU868 / US915 / AU915 / AS923 / KR920 / IN865
- Ultra-low power consumption and high performance comes with battery cases, easy testing, and rapid prototyping
- Comes with two Wio-E5 Development Kit - based on Wio-E5 STM32WLE5JC, LoRaWAN protocol and worldwide frequency supported, easy-to-develop applications such as environmental monitoring, agricultural, automation, asset tracking, etc.
- Long-distance transmission range up to 10km (ideal value in open area)
- Mini and compact size, suitable for rapid testing and building small size prototype
- Convenient RESET and BOOT buttons on board.

Part List

- 2 x Wio-E5 Development Kit - based on Wio-E5 STM32WLE5JC, LoRaWAN protocol and worldwide frequency supported.
- Grove - GPS (Air530)
- Grove - Temp&Humi&Barometer Sensor (BME280): Detects surrounding temperature, humidity and air pressure values
- Grove - Light Sensor v1.2 - LS06-S phototransistor
- Grove - Soil Moisture Sensor
- Grove - Sound: Detects surrounding sound intensity
- Grove - Relay
- Grove - Piezo Buzzer/Active Buzzer - Arduino/Raspberry Pi Compatible
- Grove - 3-Axis Digital Accelerometer(±1.5g)

Resource Links

- https://www.seeedstudio.com/SenseCAP-M1-Developer-Kit-Develop-more-possibilities-with-Helium-LongFi-Network-p-5044.html

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