

UNAMKR

SIGFOX MONARCH DEV KIT

The UnaBiz/Soracom UnaMKR Arduino Shield combines global Sigfox connectivity, industrial-grade sensors, and platform integration capabilities in one easy-to-program development kit

Instant IoT Dashboard (Soracom Harvest + Lagoon)

Multiple sensors embedded

Supports Sigfox + Bluetooth Low Energy (BLE)

Pre-configured with API (libraries) for quick integration



SPECIFICATION

Required Platform : Arduino MKR

Sigfox + BLE Module : WISOL SRM100A

Operation Zone : RCZ 1 - 6

Antenna : Sigfox : ½ wavelength dipole
BLE : embedded PCB antenna

Sigfox Connectivity : 1 Year

Dimension : 25 x 99 mm

Weight : 24g

HARDWARE

Arduino MKR Standard

Header

Wisol Module

SMA Connector

BLE Antenna on board

SOFTWARE

SORACOM Harvest

Lagoon

SENSORS

Temperature

Humidity

Pressure

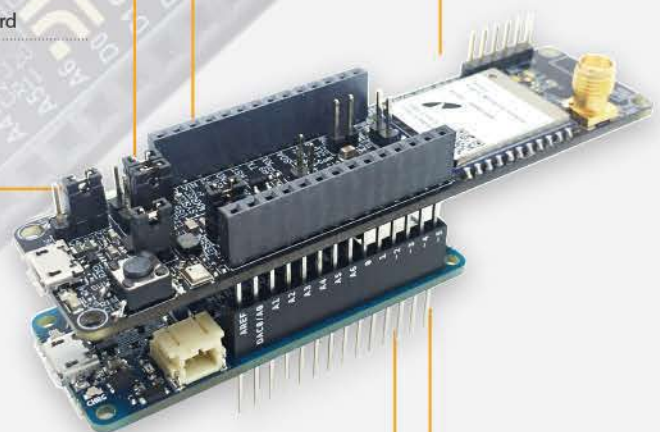
Indoor Air Quality (IAQ)

Accelerometer

Magnetic

ReedSwitch

Light



ARDUINO MODE

Source Code: Arduino IDE and Libraries

Power Source: Arduino

STANDALONE MODE

Source code: WISOL SDK

Power source: external battery connected directly on Arduino MKR

AVAILABLE EARLY 2019