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INDUSTRIAL PRODUCT DATASHEET

SenseCAP Wio-WM1302 Development Kit with Long Range Indoor Antenna

The SenseCAP Wio-WM1302 Development Kit offers easy-to-use magnetic support, Semtech SX1302 low-power baseband chip, ultra-low temperature operation, -139 dBm sensitivity, 26 dBm TX power, and a 3dBi dual-band antenna.

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Overview



The SenseCAP Wio-WM1302 Development Kit with Long Range Indoor Antenna is easy to use and includes a magnetic support. It is powered by the Semtech® SX1302 baseband LoRa® chip for extremely low power consumption and high performance, and it features ultra-low operating temperature with no additional heat dissipation, high sensitivity down to -139 dBm @SF12 with SX1250 TX/RX front-end, TX power up to 26 dBm @3.3V, and a high gain 3dBi dual-band antenna for 868MHz and 915MHz.

Key Features

- **Easy-to-Use**, Include easy-to-use magnetic support
- **Powered by Semtech® SX1302 baseband LoRa® chip**, extremely low power consumption, and high performance.
- **Ultra-low operating temperature**, no additional heat dissipation needed, reducing the size of the LoRaWAN gateway.
- **High sensitivity** down to -139 dBm @SF12 with SX1250 TX/RX front-end; TX power up to 26 dBm @3.3V.
- **High gain 3dBi dual-band for 868MHz and 915MHz**

Product Gallery











Part List

LoRaWAN Gateway Module	x1
SenseCAP M4 Square Onboard Card	x1
Screwdriver	x1

Resource Links

- https://www.seeedstudio.com/SenseCAP-Wio-WM1302-Development-Kit-Bundle.html

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