

Demonstrator LoRaWAN 868 EUR

Highlights

- Ready to use
- Range up to 15 km
- LoRaWAN V1 network protocol
- Dedicated Web app
- GPS / Temperature / Accelerometer sensors
- Self-powered and rechargeable

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The **LoRaWAN by ADEUNIS RF** demonstrator is a ready to use system, which provides connection to the any operated network using the **LoRaWAN protocol**.

With **3 integrated sensors** (GPS, accelerometer, temperature) this demonstrator allows to transmit and instantly view the radio frames on the compatible networks.

This demonstrator is particularly suitable for the **validation of applications** like sensor networks, environment, intelligent buildings, metering, security, or M2M.

These applications can thus be validated on site before the deployment of infrastructure.

With **built-in rechargeable battery**, this demonstrator allows for many hours of use.

Performances

Range : up to 15 km
Power : 25mW
Radiated RF power : 14dBm
Sensitivity : -140dBm
Frequencies : 863-870MHz
RF data rate : 100 to 1200bps
Modulation : LoRa

Hardware

Module : Adeunis RF Lo868
USB port : battery charging
Buttons : GPS & temperature activation

Firmware

Sensors management :
GPS / temperature / Accelerometer
LoRaWAN V1 network protocol

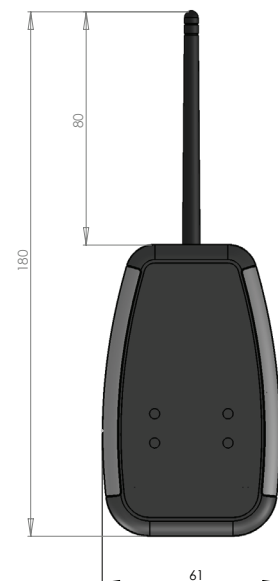
Consumption & needs

Battery : 2000mAh
Consumption (TX) : 48mA (14dBm)

General information

Dimensions : 180 x 61 x 19mm
Weight : 150g
Operating temperature : -40°C /+85°C
Certified EN300-220 V2010

Dimensions



Reference

- **ARF8084BA** : LoRaWAN Demonstrator 25mW EUR

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