

# FIELD TEST DEVICE LoRaWAN 868 EUR



## Highlights

- Ready-to-use device
- Range up to 15 km
- LoRaWAN V1.0 network protocol
- Class A & C
- High precision GPS
- Self-powered and rechargeable
- Dedicated web app.



## Field Test Device - Network validation, prior to your solution deployment

The **LoRaWAN Field Test Device by ADEUNIS RF** is a ready to use system, which provides connection to the any operated network using the LoRaWAN V1.0 protocol. It allows to transmit, receive and instantly view the radio frames on the used network.

Equipped with a **large LCD screen**, you can check all operating information (GPS coordinates, temperature, battery ...) and use of the network (uplink, downlink, SF, Packet Error Rate ...).

Its **ultra-fast and precise GPS**, optimises geolocation operations.

This Field Test Device is particularly suitable for the **validation of applications** like sensor networks, asset tracking, smart buildings, metering, security, or M2M.

With **built-in rechargeable battery**, this demonstrator allows for many hours of use and can be recharge with any type of mobile phone charger.

## Reference

- **ARF\_8123\_AA** : Field Test Device LoRaWAN 868



## Performances

Range : up to 15 km  
Power : 25mW  
Radiated RF power : 14dBm  
Sensitivity : -140dBm  
Frequencies : 863-870MHz  
Modulation : LoRa™

## Hardware

High precision GPS  
Micro USB : batt charging & configuration  
Button : frame transmission

## Firmware

LoRaWAN V1 network protocol

## Consumption & needs

Battery : 2000mAh  
Autonomy: approx. 10 hours

## General information

Dimensions : 180 x 72 x 21mm  
Weight : 150g  
Operating temperature : -20°C / +75°C  
Certified EN300-220 V2012

Distributed by:



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