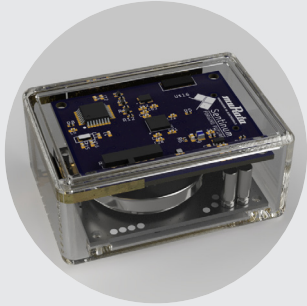


# YAMORI

## PRODUCT OVERVIEW

# yamori



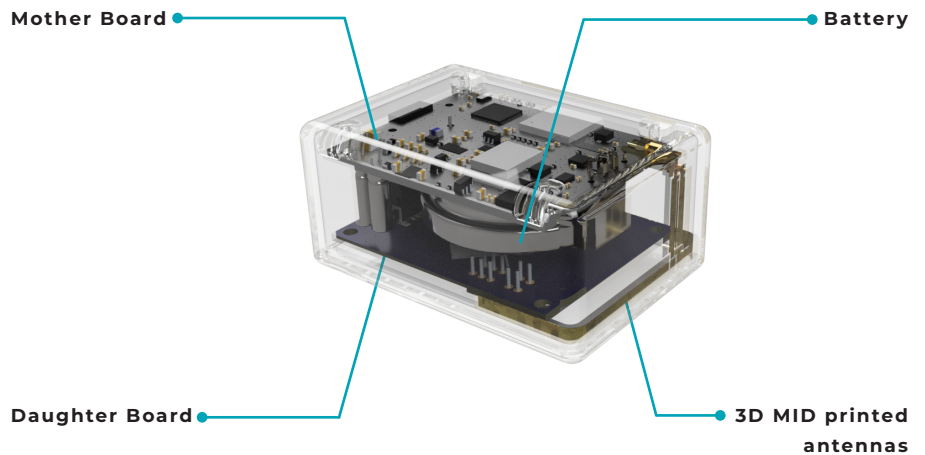
## YAMORI

is the world's smallest, highly integrated, industrial grade multistack LPWAN IoT device, which aids in Rapid prototyping, experiencing versatile sensor configurations and drastically reducing time and development effort, thereby enabling faster time to market.

### DEVICE PROFILE

Experiencing and realizing LPWAN technologies is now super easy. Integrating state-of-the-art Murata products like RF modules, Microbatteries, Sensors, RF antenna design and Sentinum's Product development capabilities, Yamori is an ideal platform for realizing smart city applications effortlessly.

### YAMORI PLATFORM



Dimensions: l x b x h = 63mm x 44mm x 29.4mm

### CONNECTIVITY



### INTEGRATED POSITIONING SERVICE



Yamori's latest module technology enables an highly integrated positioning service via GPS and Glonass, that can be used with a combined cellular antenna, thus allowing smallest products.

### EXAMPLE APPLICATIONS



CONTAINER  
MANAGEMENT



INDUSTRIAL  
LOGISTICS



SMART  
PARKING



PREDICTIVE  
MAINTANANCE



ASSET  
TRACKING



SMART  
METERING

### WHAT WE OFFER



Hardware



Connectivity



Data Management/Software



Dashboard/Backend



Global Network



Support

### CONTACT

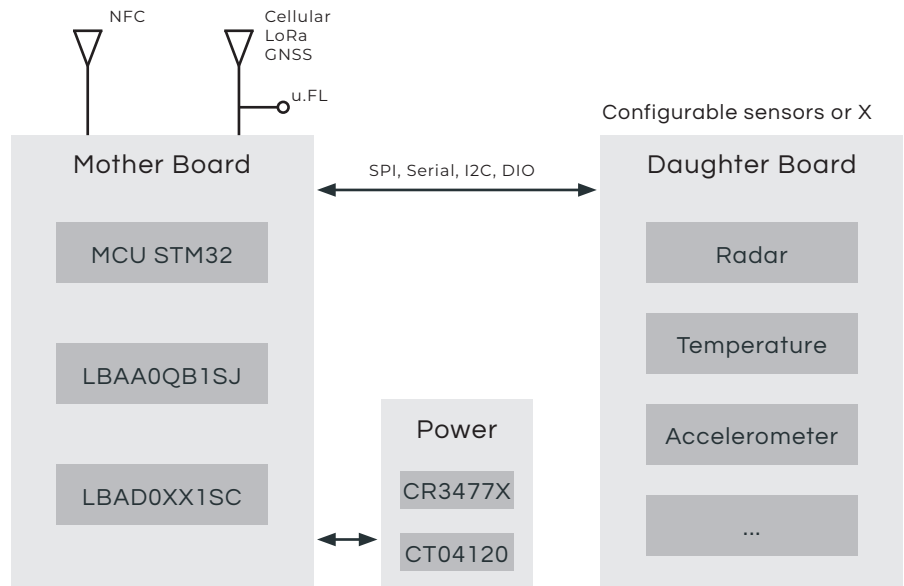
<https://www.murata.com/en-eu/contactform?Type=Technical>



<https://www.sentinum.de/kontakt/>



### BLOCK DIAGRAM



### FEATURES

- PROVISIONING OVER NFC**  
 The sensor can be activated via NFC and offers the possibility to adapt sensor and network specific settings to the respective application.
- CONNECTIVITY PLATFORM**  
 Yamori offers a highly integrated connectivity platform with Host MCU, RF modules, batteries and sensors. LoRa, NB-IoT and LTE-CAT-M1 can be used directly, MIOTY and SIGFOX can be expanded.
- CLOUD PLATFORM**  
 Yamori also offers a cloud platform where the data can be managed and monitored. As soon as the device is online, the data can be easily accessed, what allows the fast assessment of several use-cases.
- 3D MID PRINTED ANTENNAS**  
 Latest manufacturing technology and advanced antenna design enables a single 3D MID printed antenna, optimised for LoRa 868MHz, Cellular Band 3/5/8/20 and GNSS. u.FL plugs allow the connection of external antennas.
- MOTHER-/DAUGHTERBOARD CONCEPT**  
 Expandable sensor board adapters allow the configuration of different sensors for a broad range of applications. Custom Daughter boards can easily designed for the Yamori platform.
- DESIGNED FOR LONG LIFE APPLICATIONS**  
 Yamori's software is modular and designed for ultra low power consumption and long life applications.