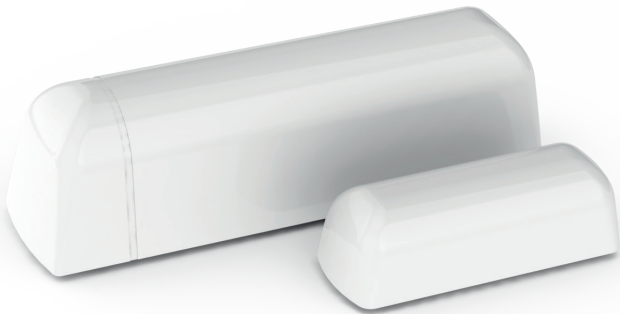


# EMS Series

LoRaWAN® indoor wireless sensors

LoRa  
Alliance  
Member



Discrete, with  
a broad scope  
of applications.

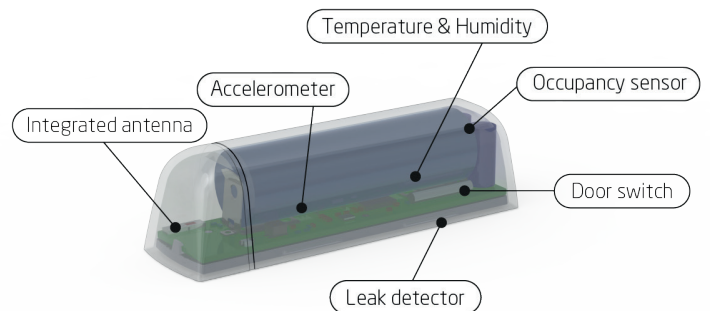
up to  
**10**  
years  
battery life time

## ELSYS Mini Sensor

With a size slightly larger than an AA-battery, the EMS is our most minimalistic and subtle sensor yet. It is completely wireless and is powered by an AA 3.6V lithium battery.

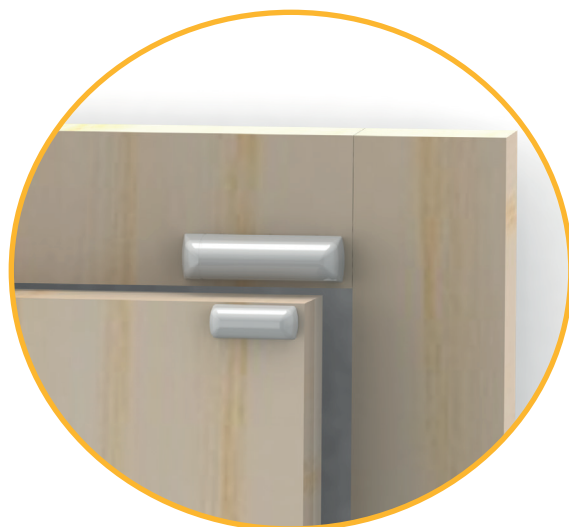
The EMS can be used as a regular indoor environment sensor or in more advanced applications. It has internal sensors for measuring indoor temperature, humidity, and acceleration. Depending on the version, it can detect water leakage, door activity, and desk occupancy in addition to the environmental sensors.

The small size makes it ideal for mounting on door frames, under desks, or any other limited surface area.



## Easy to configure

All ELSYS sensors are equipped with NFC (Near Field Communication) for easy configuration with a smart phone. You can change the sample rate, data rate, encryption keys, triggers, activation, and much more with our application Sensor Settings.



Example of EMS mounted on door frame

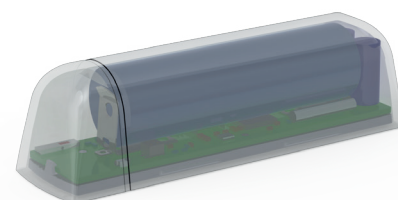
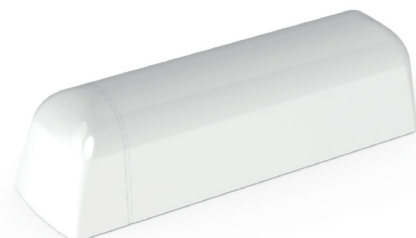
- Temperature
- Humidity
- Leak detection
- Opening activation
- Acceleration
- Desk occupancy

# EMS Series



Different features. Same size. Equally smart.

	EMS	EMS Lite	EMS Door	EMS Desk
Temperature	✓	✓		
Humidity	✓	✓		
Leak detection	✓			
Magnet switch (Reed)	✓		✓	
Acceleration	✓		✓	
Desk occupancy				✓
NFC*	✓	✓	✓	✓
Approx. battery life time**	10 y	10 y	10 y	5 y



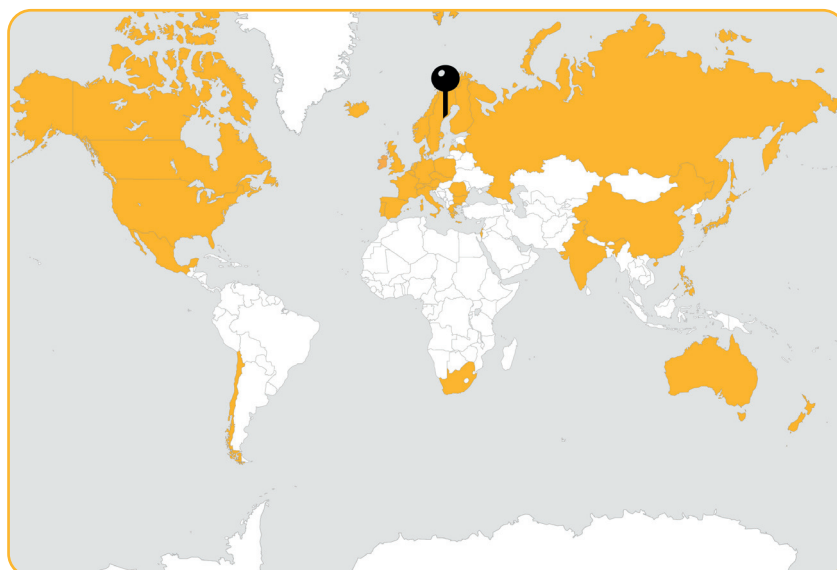
\* Near Field Communication

\*\* Calculated with data sampled every 10 mins, SF 7.

ELSYS LoRaWAN® devices can be purchased via a distributor or directly through ELSYS Webshop.

Visit [www.elsys.se](http://www.elsys.se).

ELSYS LoRaWAN® sensors around the world



[info@elsys.se](mailto:info@elsys.se) [support@elsys.se](mailto:support@elsys.se)

+46 90 100 500  
ELSYS  
Industrivägen 12  
90130 Umeå  
Sweden