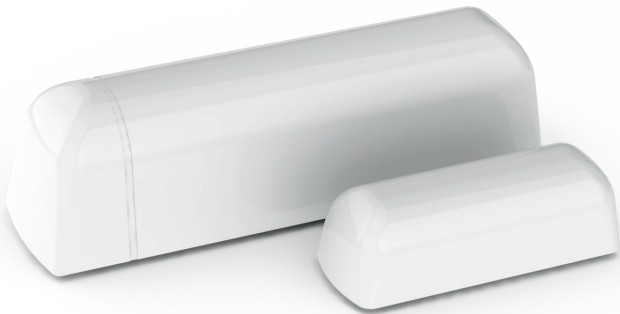


# EMS Series

LoRaWAN® indoor wireless sensors



Discrete, with a broad scope of applications.

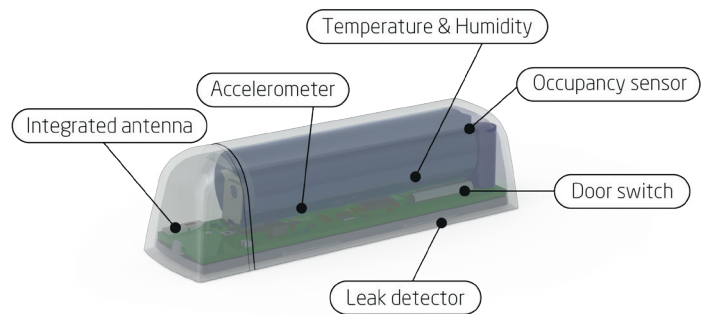


## ELSYS Mini Sensor

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.

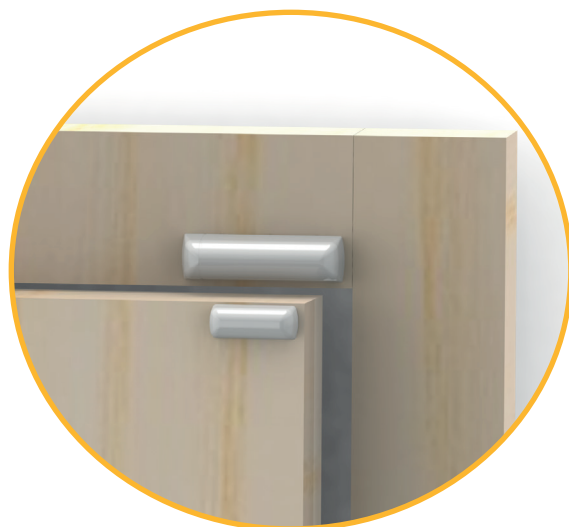
The EMS can be used as a regular indoor environment sensor or in more advanced applications. It has internal sensors for measuring indoor temperature, humidity, and acceleration. Depending on the version, it can detect water leakage, door activity, and desk occupancy in addition to the environmental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



Opening activation



Humidity



Acceleration



Leak detection



Desk occupancy



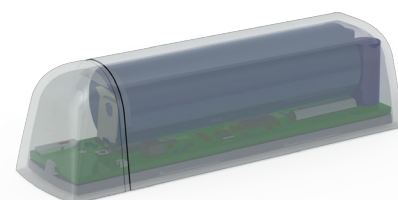
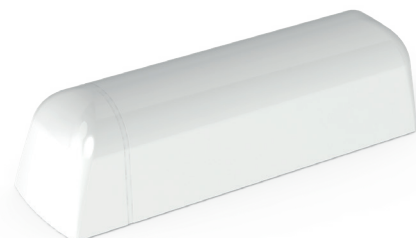
ELSYS.se

# EMS Series

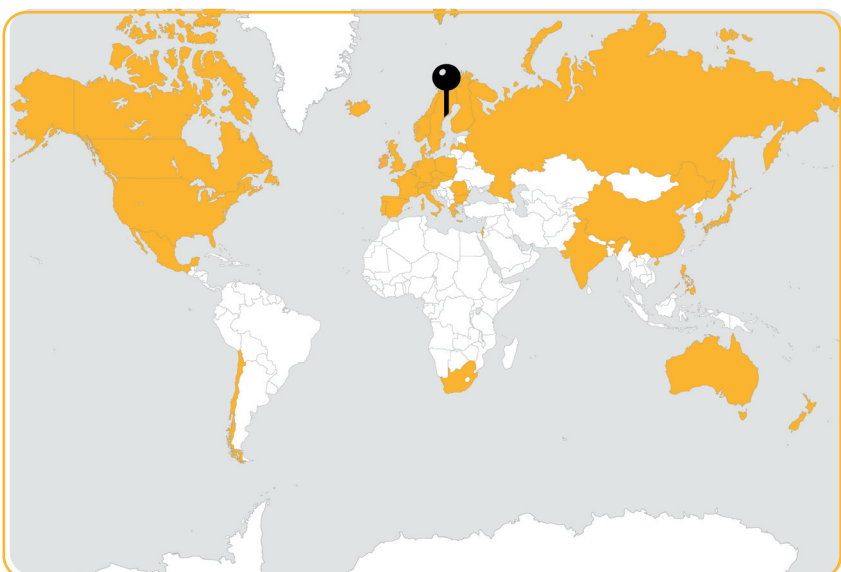


Different features. Same size. Equally smart.

	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



ELSYS LoRaWAN® sensors around the world



ELSYS LoRaWAN® devices can be purchased via our distributor [www.productos-iot.com](http://www.productos-iot.com)



DSET ENERGY  
Parque Científico y Tecnológico de la UdG  
Edificio Giroemprén, Despacho A.2.16 –  
C/ Pic de Peguera, 11-17003, Girona, España  
Telf: (+34) 972 96 51 90, [info@dset-energy.com](mailto:info@dset-energy.com)  
[www.dset-energy.com](http://www.dset-energy.com)