

# ELODIE

BY WYCA ROBOTICS



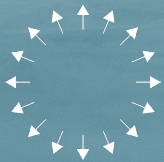
Autonomous navigation



Mapping



Easy to integrate



Auto-location

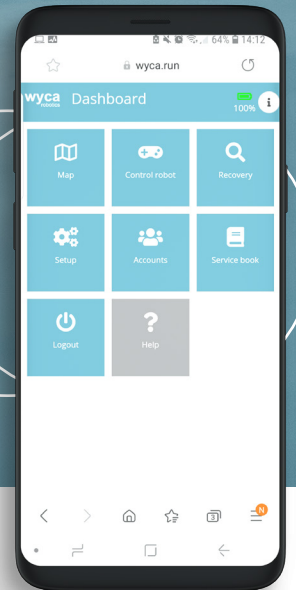


Cobotic environments & obstacles safety awareness



Self-recharging

Easy deployment



THE MOST FLEXIBLE INDOOR  
AUTONOMOUS MOBILE VEHICLE  
OF THE MARKET

Your facilities **ON THE MOVE.**  
**SIMPLIFY** the tasks.  
**IMPROVE** productivity.



## ***A smart vehicle***

Exclusively dedicated to indoor environments, Elodie operates in total autonomy. Thanks to the combination of system, it easily ensures its role as an autonomous mobile vehicle and guarantees the driving and execution of a successful mission. Elodie can be configured simply and entirely by smartphone or tablet, locally or at 1000 km.

## ***Multisectoral & multi-use***

Elodie can accommodate any type of equipment on its upper part: robotic arms, cameras, lockers, etc. With a payload up to 100 kilos, the possibilities are endless. We design the optimal autonomous mobile solution on which you fit the ideal mission part to meet the needs identified in many sectors: retail, logistics, industry, security.

## ***An unique economic model***

Negotiate volumes directly with our industrial partners worldwide, or manufacture assemble Elodie yourself under license. This business model allows you to achieve substantial savings and solve export problems.

## ***Very insightful***

Elodie is very agile and easily adapts to variable environments. It moves skillfully in high density environments avoiding people and bypassing obstacles by taking the most suitable path to its destination point. When the battery is low, it feeds at its charging station without any human intervention.

## ***Easy to integrate***

Thanks to an API accessible from any type of language, Elodie works in perfect symbiosis with its mission part. These two parts can be assembled quickly and easily thanks to a versatile fastening system.

## ***A lifetime guarantee***

Elodie is offered with a lifetime warranty extension. We are committed to intervene at the slightest failure and replace defective parts.



Designed & manufactured in France.



[www.wyca-robotics.com](http://www.wyca-robotics.com)





## IDEAL ENVIRONMENT

### OPERATING ENVIRONMENT

Indoor

### AMBIENT TEMPERATURE

5 to 40°C

### PROTECTION RATING

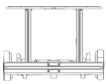
IP 20

### USAGE AMBIENT HUMIDITY

5 to 95%



## MAIN CHARACTERISTICS



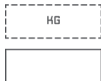
### DIMENSIONS

↑ height — 36 cm  
∅ diameter — 52 cm



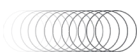
### WEIGHT

38 kg



### MAX PAYLOAD

100 kg



### SPEED

> Up to 0.8 m/s



### STANDARD 1000 W/H BATTERY

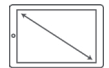
Autonomy  
> Up to 10 hours of continuous use  
> Up to 24 hours in static mode



## USER INTERFACE

### TOUCHSCREEN CONTROL

3,5 inches  
Resolution — 1024 x 600 pixels



### ON/OFF BUTTON

Position — under the vehicle



### BRAKE RELEASE BUTTON

Position — at the rear of the vehicle



**USITECH**  
MECANIQUE DE PRECISION - CONCEPTION ET PRODUCTION



**bpi**france



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