Specifications

Robot Boxie 2

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Marvelmind robot Boxie 2 is designed for smart warehousing, industrial applications, research, and education.

General specifications

- **Name:** Boxie 2
- **Navigation:** Marvelmind Indoor “GPS”
- **Supported Architecture:** Inverse Architecture
- **Amount of robots:** ≤250 robots per system
- **Size:** 40x40x40cm
- **Ports:** USB connectors
- **Weight:** ~5kg

Performance

- **Speed:** Up to 5km/h
- **Applicable terrain:** smooth concrete, asphalt
- **Payload:** Up to 10kg

Safety

- **Active safety:** 12 x 1D LIDARs for obstacle detection and avoidance, 2 x Sonars, Marvelmind indoor navigation system
- **Passive safety:** Lights & sound alarms

Battery

- **Lifetime:** Up to 48 hours
- **Full charge time:** ≤2 hours

Features

- **Fast charge:** Full charge in under 2 hours
- **Automatic charging station:** Allows the robot to drive infinitely without the need of an operator
- **Functional housing:** Allows users to attach any device to the robot using screw holes
- **Internal power connectors:** Allows users to power any additional equipment from the robot’s battery
- **Flexible API:** We provide our open API to give users set up their own GUI
- **Ready to drive from the box:** No additional assembly required

More information

- Products - https://marvelmind.com/products
- YouTube - https://t.ly/qnb13

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