

RB-VOGUI

AUTONOMOUS MOBILE ROBOT (AMR)

DESIGNED FOR **INDOOR** & **OUTDOOR**
LOGISTICS APPLICATIONS DUE TO ITS
VERSATILITY & **HIGH MOBILITY**

-  AGRICULTURE
-  INDUSTRIAL TASKS
-  ORDER PREPARATION FOR DELIVERY
-  PICKING & TRANSPORT



RB-VOGUI

INDUSTRIAL VERSION

ROBUST AND COLLABORATIVE

RB-VOGUI is a general purpose mobile robotic platform designed primarily for outdoor transport tasks. This AMR is suitable for automating tasks of different nature in sectors such as R&D, agriculture, security or logistics, performing final applications based, for example, on last mile delivery.

COMPONENTS INCLUDED

- 4 Wheels Steering
- CPU
- Safety Pack
 - » 2x 2D safety scanner Outdoor Scan
 - » Safety PLC
- RGBD Camera
- 4G Router
- IMU
- GPS
- Battery 48VDC@30Ah
- Docking station

OPTIONAL COMPONENTS

- Load Basket
- 3D Localization and Navigation Package
- AI + Vision Package
- 5G Router

MECHANICAL

Dimensions	1.044 x 650 x 742 mm
Weight	165 Kg
Payload	Up to 150 Kg
Speed	2,5 m/s
Enclosure class	IP50 / Up to IP53 weatherproof
Autonomy	Up to 6 h
Temperature range	-10°C to + 45°C
Max. slope	47 %
Traction systems	Omnidirectional / Dual Ackerman
Traction motors	4 x 500 W with brake
Steering motors	4

CONTROL

Controller	CPU ROS (Intel i7)
Communication	WiFi 802.11ac Bluetooth 5.1
Connectivity	3 x USB 2 x Ethernet 1 x HDMI DC Power Output

BLUEPRINTS

